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1937
*Vegetable
Luncheon*

COLLECTION

- ½ lb. Tender Giant
Peas. (Page 17) . . 22c
½ lb. Minhybrid 202
Sweet Corn. (Page 8) 25c
1 Pkt. Scarlet Dawn
Tomato (Page 22) 10c
(Value 57c)

All For
Postpaid **45c**

FAIRMIER

SEED & NURSERY CO.

Faribault, Minn. • 1937 •



Vegetables of Merit

No. 83—

Extra

Early Winesap Beet

Earliest of all—fine flavor, tender, juicy, deep rich-red color. Pkt., 8c; oz., 15c; 1/4 lb., 35c; lb., \$1.10, prepaid. See page 4.

No. 601—

New Buttercup Squash

Flesh of smooth texture, deep orange color and delicious flavor, like sweet potato. Cooks dry. A good keeper. Pkt., 10c; oz., 20c; 1/4 lb., 70c, prepaid. See page 21.

No. 9—

Faribault Brittle Wax Bean

Tender, buttery flavored—the finest stringless, round-pod wax bean. Mammoth pkt., 8c; 1/2 lb., 20c; lb., 35c, prepaid. See page 3.

No. 609—

Extra Early Bison Tomato

Over 40 lbs. fruit on one plant! Matures ahead of Earliano and superior in quality. Pkt., 10c; 1/2 oz., 25c; oz., 45c; 1/4 lb., \$1.25, prepaid. See page 22.

No. 223—

Early Sunshine Sweet Corn

A great money-maker (extro early). Large ears of luscious, tender, golden kernels with superb flavor. Mammoth pkt., 8c; 1/2 lb., 20c; lb., 35c, prepaid. See page 8.

No. 584—

King of Denmark Spinach

Large, tender leaves of beautiful dark green color. Slow to go to seed. Pkt., 8c; 1/4 lb., 17c; lb., 55c, prepaid. See page 21.

No. 531—

Firecracker Radish

Extra early (22 days), cylindrical type, vivid scarlet color—always mild and crisp. Pkt., 8c; oz., 15c; 1/4 lb., 30c; lb., 95c, prepaid. See page 20.

Special Collection

OFFER NO. 2
One pkt. each of seven
outstanding vegetables on
this page—total value
60c—for

48c

ppd.
This collection may also
be ordered through your
dealer.

Our Bargain Counter



Hardy Regal Lilies

10 Hardy Regal Lilies

Queen of Lilies - most fragrant - hardy - free blooming. Height 3 to 4 feet.

10 blooming size bulbs - prepaid **98c**
See page 43

Chinese Elm Trees

50 seedlings 6 to 12 inch. Fastest growing shade or windbreak tree. All

Prepaid **98c**

Name Your Choice

15 Colorado Blue Spruce

or 25 Ponderosa Pine

or 25 Scotch Pine

or 25 Austrian Pine

All 4 to 6 inch seedlings - 2 year size. Each collection prepaid for **\$1.00** See page 31

25 Latham Red Raspberries

Large size - big yields - luscious berry **\$1.00**
See page 29. Prepaid for

12 Big Hardy - Concord Grapes

One year mailing size. Hardy - very productive. **98c**
See page 29 Prepaid for

4 Red Lake Currants (Mailing Size)

New big red currants - from Minnesota Fruit Breeding Farm. **98c**
See page 29. Prepaid for-



Colorado Blue Spruce

Take Your Pick

15 Black Walnut
or 65 Shelter Green Ash

or 50 Honey Locust

or 50 American Elm

For shade or windbreak.
All 6 to 12 inch seedlings
Each collection -
your choice prepaid **\$1.00**



50

Choice
Bulbs of

"KOLOR KING"
GLADIOLUS

Blooming size - in all colors **\$1.19**
See page 41. Prepaid for

4 FAMOUS FARIBAULT PEONIES

Mixed colors - red, white and pink
Our selection. All pre-
paid. **\$1.09**
See page 35

See pages 37 - 39 for
newest hardy Fruits and
Berries in natural color



Peonies

Chinese Elm

SHRUBS You Will Want

10 Bridal Wreath Spireas - 1 year size
or 4 Scarlet Trumpet Honeysuckle
or 25 Buckthorn Hedging Plants
or 25 New Chinese Hedge Cherry Plants
or 50 Caragana Hedging

All 1-year size - field grown plants.
Your choice, each lot - prepaid for **\$1.00**



Bridal Wreath Spireas





F. S. & N. Co's DEPENDABLE LAWN GRASS SEED

How to Make a GOOD LAWN

Preparation of Soil

The soil should be spaded to a depth of one foot, removing all stones and roughage. Large plots may be plowed and harrowed. A fine seed bed is essential.

Fertilizing

After the plot has been spaded, apply a three-to-six-inch coating of peat moss and a good commercial fertilizer, such as Sacco (see page 72), allowing 20 lbs. for every 1,000 square feet. Respade, mixing thoroughly with the soil. Barnyard fertilizer may be used in place of commercial fertilizer, but it carries seeds of weeds and coarse grasses that grow with the Grass Seed, and are difficult to eradicate.

Seeding

Grass Seed may be sown any time, but early spring sowing before the hot dry weather sets in, is best. Sow the seed on a quiet day, and broadcast two ways—using one lb. of seed for every 200 to 250 square feet—100 to 125 lbs. per acre. If possible, sow shortly before a rain. By sowing half the seed one way, and the other half the other way, a uniform, even stand is assured. Harrow or rake the ground carefully to cover the seed and follow with a roller to pack the soil. Water thoroughly and regularly in the evenings, until the sod is fairly well established.

WHITE DUTCH CLOVER

The little three and four leaf clover especially fine for lawns. Makes a close, compact growth and covers the ground like a carpet. Quick growing, thrives on any soil and enriches the soil. 1/2 lb. 28c, 1 lb. 45c, 5 lbs. \$2.20 ppd.

**Newest, Quickest
Way to Apply
Plant Food to
Your Lawn**

The old messy way is done away with by the use of this new patented device.

Packed in a compact box—full instructions for assembling in package.

It is so simple to operate that a child can run it. No wasting of fertilizer as it is efficient and does the fertilizing quickly. You'll find it fun to operate it. May also be used for sowing lawn grass. Price: 85c, postpaid \$1.00.



Based on years of experience and recommendations by the Experiment Stations, we offer well balanced mixtures of lawn grasses that will give best possible results for the purposes they are intended. We use only the very highest quality seeds, proven free from noxious weeds, and that will give quickest and most satisfactory results:

30-DAY LAWN GRASS 35c LB.

Our popular Lawn Grass for quick results. This carefully blended mixture contains the finest quick-growing grasses, together with permanent grasses that will establish a luxuriant lawn in 30 to 40 days under normal conditions. It represents the greatest value we have ever been able to give. It is by no means a cheap lawn mixture, but contains high quality Kentucky Blue Grass, White Dutch Clover, English Rye Grass and other quick growing grasses. Price: 1 lb. 35c, 5 lbs. \$1.50 ppd. Not ppd. 25 lbs. \$6.25, 100 lbs. \$23.00.

GARDEN CITY LAWN GRASS 40c LB.

A Most Popular High Quality Mixture. Our best all around lawn grass mixture, for general use. It contains the choicest grasses in proper combination for quick results, roots deeply, and withstands severe drought. This consists chiefly of Kentucky Blue Grass, Red Top, and White Clover, and is being sold by leading department stores with wonderful success. Price: lb. 40c, 5 lbs. \$1.75, prepaid, Not prepaid: 25 lbs. \$7.50, 100 lbs. \$28.00.

FREE LAWN BOOKLET

It tells all about building a new lawn, preparing the seed bed, what to sow, maintenance and care, improving an old lawn, Bent lawns, how to control lawn pests etc.

We will send it **free** with every order, if requested or you may have a copy by writing for it, enclosing 3c for postage.

CREeping BENT LAWN GRASS 75c LB.

This grass makes a fine dense firm turf which withstands hard usage; it is ideal for lawn, terraces, and putting greens on golf courses because it makes a compact sod due to its spreading habit. It makes rapid growth in a year, crowding out other grasses. Our seed is true to name and of finest quality. Sow 2 to 3 lbs. per 1,000 square feet. Price: lb. 75c, 5 lbs. \$3.50 ppd. Not ppd. 25 lbs. \$15.00.

SHADY NOOK LAWN GRASS 50c LB.

A mixture of hardy, quick growing grasses that thrive in shady places. Especially suited for patching up the lawn, or filling in barren places. The best creeping grasses to build up a permanent sod. Price: lb. 50c, 5 lbs. \$2.25 ppd.; not ppd. 25 lbs. \$8.75.

LAWN FERTILIZERS

A healthy lawn requires cutting every 7 days. A lesser growth indicates need of fertilizer.

We recommend "WEDO" for combined fertilizing and weed control qualities. (See page 72.) Price: 10 lbs. 70c, 25 lbs. \$1.25, 50 lbs. \$2.10, 100 lbs. \$3.60, not prepaid.

"SACCO" likewise, a most dependable all around fertilizer. (See page 72.) Special circular free. Price: 5 lbs. 35c, 10 lbs. 60c, 25 lbs. \$1.10, 50 lbs. \$1.80, 100 lbs. \$3.00, not prepaid.

CONTROL OF LAWN PESTS

Ants may be easily controlled by using "Cyanogas." It comes in a special container with spout to eject the powder into the ant hole—a heavy gas is formed which permeates the entire nest and destroys the colony. Special 4-oz. container for ants 35c, prepaid.

For moles, pump "Cyanogas" into runways with a duster. Ask for special descriptive circular. (See page 71.)

NOTE—These prices are exceptionally low and may have to be advanced at any time—Order early.

BLUE FIGURE PRICE LIST

Prices subject to market changes, stocks being unsold; bags included in weight.

THE FARMER SEED & NURSERY CO. guarantee all Red and Alsike Clover, also every lot of Alfalfa offered, to be strictly native or northern grown seed, but give no warranty, express or implied, as to the descriptions, productiveness, or any other matter of any seeds, bulbs or plants they send out, and they will not

be in any way responsible for the crop. Purity and germination tests are given for guidance only, and without guarantee. If the purchaser does not accept goods on these terms, they are to be returned at once. All prices are F. O. B. Faribault.

FARMER SEED & NURSERY CO., FARIBAULT, MINN., Jan. 16, 1937

EXCEPTIONAL "LOT OFFERS" FOR EARLY ORDERS

LOT "ECONOMY" TIMOTHY AND ALSIKE CLOVER

This lot contains 20-25% finest quality Alsike Clover, balance Timothy. All Minnesota grown seed of highest purity, and no noxious weeds.

This is our most popular mixture—produces excellent permanent pasture and more tons of hay per acre than most perennial Grass Mixtures. Easy to grow and relished by all stock.

Price: 25 lbs., \$2.95; 50 lbs., \$5.75; 100 lbs., \$11.25.

LOT "LUCKY STAR" ALSIKE CLOVER

Pure Alsike Clover—beautiful seed—bright color—highest purity, and no noxious weeds. Minnesota's finest strain—a real bargain for all who know when to act. While this lot is available, the price is only—Peck, \$3.50; 1/2 bu., \$6.85; bu., \$13.35; 100 lbs., \$25.40.

LOT "STATE SEALED" REGISTERED GRIMM ALFALFA

Alfalfa Seed was a short crop, and Registered Grimm was shortest of all. This accounts for the higher price this year.

We are reserving one special lot—purity 99.50%—none better. We need not tell you more, except that you will have to hurry your order, for this lot will not last long at the price.

Price: Peck, \$5.85; 1/2 bu., \$11.50; bu., \$22.85; 100 lbs., \$37.90.

LOT "SURE HARDY" ALFALFA

Variegated Strain. Purity 99.20%. Minnesota Grown

This seed comes from some of the oldest Alfalfa fields in northern Minnesota. For years it was sold as Grimm, though since the fields have not been registered, it cannot be sold as such. Nevertheless it produces the same variegated blossoms and has the characteristics of Grimm, including super hardness. We consider it the greatest value for the money in dependable Alfalfa Seed, and it means a real saving in cost to those who order while this lot is available.

Price: Peck, \$4.80; 1/2 bu., \$9.40; bu., \$18.65; 100 lbs., \$30.90.

LOT "GOLD COIN" COSSACK ALFALFA

Super Hardy—Purity 99.50%

Northern Minnesota had the only fair crop of Cossack Alfalfa of the entire hardy Alfalfa belt this season. Buyers from everywhere were after it, for there was not nearly enough seed to meet the requirements.

Fortunately our buyers were on the ground first and lined up the cream of the crop. As a result, we have an exceptionally fine lot of "Gold Coin" Cossack that may bring gold to you in the form of a bumper hay or pasture crop. Note the high purity, and no noxious weeds.

Price: Peck, \$4.95; 1/2 bu., \$9.75; bu., \$19.25; 100 lbs., \$31.90.

MINNESOTA-GROWN CLOVER

FREE FROM NOXIOUS WEEDS

(Bu. 60 lbs.)	Purity %	Peck	Bu.	100 Lbs.
Prices include bags				
MEDIUM RED CLOVER				
Master Farmer Brand.....	99.70	\$5.60	\$21.75	\$36.00
Fancy.....	98.80	5.50	21.45	35.50
MAMMOTH CLOVER				
Master Farmer Brand.....	99.50	5.90	22.95	38.00
WHITE DUTCH CLOVER				
Fancy.....	98.25	4.70	18.15	30.00
ALSIKE CLOVER				
Master Farmer Brand.....	99.00	4.15	16.05	26.50
Fancy.....	98.00	4.10	15.75	26.00
SWEET CLOVER, WHITE BLOSSOM				
Master Farmer Brand.....	99.50	2.20	8.25	13.50
SWEET CLOVER, GRUNDY COUNTY				
Master Farmer Brand.....	99.50	2.30	8.55	14.00
SWEET CLOVER, YELLOW BLOSSOM				
Master Farmer Brand.....	99.50	2.30	8.55	14.00
SWEET CLOVER, HUBAM ANNUAL WHITE				
Master Farmer Brand.....		3.90	15.25	25.00
HARBIN LESPEDEZA—U. S. D. A.				
STRAIN No. 65280.....		5.45	21.15	35.00
1 lb. 50c, 5 lbs. \$2.35, postpaid.				

ALFALFAS—U. S. VERIFIED ORIGIN

(NOTE—Registered and State Sealed Grimm is put up in 30-lb., 50-lb., 60-lb. Sealed Bags.)

	%Purity	Peck	Bu.	100 Lbs.
DAKOTA NO. 12, MINNESOTA GROWN				
Master Farmer Brand.....	99.50	\$4.85	\$18.75	\$31.00
Fancy.....	99.00	4.70	18.15	30.00
MINNESOTA GROWN COMMON				
Master Farmer Brand.....	99.00	4.75	18.45	30.50
GRIMM—MINNESOTA STATE SEALED AND REGISTERED				
Blue Tag.....	99.50	6.00	23.50	39.00
Red Tag.....	99.00	5.70	22.35	37.00
GRIMM—MINNESOTA GROWN				
(Not for sale in Minnesota or Wisconsin)				
Growers' Affidavit				
Master Farmer Brand.....	99.50	5.00	19.35	32.00
VARIEGATED—MINNESOTA GROWN (Similar to Grimm)				
Master Farmer Brand.....	99.50	5.00	19.35	32.00
COSSACK—MINNESOTA GROWN				
Master Farmer Brand.....	99.50	5.30	20.55	34.00
Fancy.....	98.70	4.85	18.75	31.00
LADAK—Reg.—Blue Tag.....	99.50	7.70	30.15	50.00
1 lb. 70c, 5 lbs. 3.25, postpaid.				

HARDY GRASSES

Prices include sacks	25 Lbs.	50 Lbs.	100 Lbs.
TIMOTHY (Bu. 45 lbs.)			
Master Farmer Brand.....	\$2.20	\$4.15	\$8.00
Fancy.....	2.10	4.00	7.50
TIMOTHY AND ALSIKE (Bu. 50 lbs.)			
20-25% Alsike.....	3.10	6.00	11.75
30-35% Alsike.....	3.50	6.75	13.25
BROMUS INERMIS—Extra Fancy.....	6.50	12.65	25.00
REED CANARY GRASS			
Master Farmer.....	7.70	15.15	30.00
Certified-Sealed bags—40c per lb. postpaid.			
Fancy-Grown from certified seed.....	7.25	14.20	28.00
CRESTED WHEAT GRASS.....	15.50	30.50	60.00
DOMESTIC RYE GRASS.....	2.00	3.85	7.50
ORCHARD GRASS.....	4.50	8.85	17.50

Prices include sacks	25 Lbs.	50 Lbs.	100 Lbs.
KENTUCKY BLUE GRASS			
Master Farmer Brand.....	\$5.20	\$10.15	\$20.00
Fancy.....	4.95	9.65	19.00
CREeping BENT			
1 lb. @ 75c., 5 lbs. \$3.50 prepaid, 25 lbs. @ 60c lb. not prepaid.			
MEADOW FESCUE.....	3.50	6.70	13.00
RED TOP			
Master Farmer Brand.....	5.20	10.15	20.00
Fancy.....	5.10	9.95	19.50
ALL SEASON PASTURE AND MEADOW MIXTURE.....	5.75	11.20	22.00
MIXTURES FOR LOW WET GROUND.....	5.75	11.20	22.00
MIXTURE FOR THIN ALFALFA STANDS.....	6.75	13.35	26.50
PERMANENT HOG PASTURE.....	5.75	11.20	22.00
ANNUAL HOG PASTURE.....	2.85	3.85	7.50
LAWN MIXTURES—See Page 2 of Yellow Insert.			

MINNESOTA-GROWN SEED POTATOES

PRICES SUBJECT TO MARKET CHANGES
Bags free. If wanted in barrels, add 25c per bbl. of 3 bushels.

SPRING SHIPMENT	Peck	Bu.	5 Bu. @	SPRING SHIPMENT	Peck	Bu.	5 Bu. @
Early White Gold, Certified.....	\$0.75	\$2.65	\$2.60	Chippewa, grown from Certified seed.....	\$0.75	\$2.50	\$2.45
Early White Gold, Not Certified.....	.65	2.40	2.35	Green Mountain.....	.65	2.30	2.25
Early White Gold, Second Size.....	.55	1.75	1.70	Rural New Yorker.....	.65	2.30	2.25
Warba, Certified.....	.65	2.40	2.35	Carman.....	.65	2.30	2.25
Early Ohio, Red River.....	.65	2.40	2.35	New Golden—Second size only—10 lbs., \$1.00, prepaid to 3rd zone.			Write
Chippewa, Certified.....	.80	2.75	2.70	for prices. Supply very limited.			

YOU PAY NO SALES TAX WHEN YOU SEND YOUR ORDER TO US.

FARMER SEED & NURSERY CO'S Blue Figure Price List

IMPROVED SEED GRAINS

Prices include sacks	Peck	Bu.	5 Bu. @	10 Bu. @
WHEAT (Bu. 60 lbs.)				
Hope—Rust and Smut Resistant.....	\$0.65	\$2.35	\$2.30	\$2.25
Thatcher, Rust Resistant, Registered.....	.70	2.55	2.50	2.45
Mindum Durum.....	.65	2.35	2.30	2.25
SPELTZ OR EMMER (Bu. 40 lbs.).....	.40	1.35	1.30	1.25
OATS (Bu. 32 lbs.)				
Minrus, Rust Resistant, Certified.....	.30	.95	.90	.85
New Anthony, Rust Resistant, Certified....	.30	1.05	1.00	.95
Iogold, Rust Resistant, Certified.....	.30	.95	.90	.85
Swedish Select Wis. No. 5.....	.30	1.05	1.00	.95
Iowa No. 105.....	.25	.90	.85	.80
Gopher, Certified.....	.30	.95	.90	.85
Gopher, Not Certified.....	.25	.90	.85	.80
White Kherson.....	.25	.85	.80	.75
Early Yellow Kherson.....	.25	.90	.85	.80
BARLEY (Bu. 48 lbs.)				
Peatland.....	.55	1.80	1.75	1.70
Velvet No. 447, Certified.....	.50	1.70	1.65	1.60
Velvet No. 447, Not Certified.....	.....	.....	.....	.....
Wisconsin Pedigree No. 38, Certified.....	.55	1.80	1.75	1.70
SPRING RYE (Bu. 56 lbs.) Certified.....	.55	1.85	1.80	1.75
ROSEN WINTER RYE.....	.45	1.45	1.40	1.35
FLAX (Bu. 56 lbs.)				
Red Wing, Rust and Wilt Resistant.....	.80	2.90	2.85	2.80
Bison, Rust and Wilt Resistant.....	.75	2.80	2.75	2.70
Common.....	.70	2.75	2.70	2.65
BUCKWHEAT (Bu. 50 lbs.)				
Japanese.....	.45	1.60	1.55	1.50
Silver Hull.....	.45	1.60	1.55	1.50

RAPE, CANE, SUDAN GRASS, MILLET

	10 Lbs.	25 Lbs.	50 Lbs.	100 Lbs.
RAPE				
Dwarf Essex.....	\$1.00	\$2.00	\$3.85	\$7.50
SUGAR CANE				
Minnesota Early Amber Sorghum.....	.75	1.50	2.85	5.50
Waconia Orange Sorghum.....	.75	1.50	2.85	5.50
Fodder Cane.....	.65	1.25	2.35	4.50
SUDAN GRASS, Minn. Grown.....	.70	1.35	2.50	4.75
SUDAN GRASS, Kansas Grown.....	.70	1.25	2.35	4.50
SUNFLOWER SEED				
Mammoth Russian.....	1.00	2.00	3.85	7.50
MILLET				
Golden or German.....	.65	1.35	2.55	4.90
Siberian.....	.60	1.15	2.10	4.00
Hungarian.....	.65	1.35	2.55	4.90
White Wonder.....	.55	1.10	2.00	3.90
Japanese (Billion Dollar Grass).....	.55	1.05	1.95	3.75
White Proso or Hog.....	.50	1.00	1.85	3.50
Early Fortune.....	.60	1.10	2.10	4.00
Turghai Proso.....	.65	1.25	2.35	4.50

FIELD PEAS, VETCHES

(Bu. 60 lbs.)	Peck	Bu.	100 Lbs.
CANADA YELLOW FIELD PEAS			
Chancellor, Early Certified.....	\$0.75	\$2.75	\$4.50
VETCHES, Hairy or Winter (Mich. Grown).....	2.25	8.80	14.50

SOY BEANS

(Bu. 60 lbs.)	Peck	Bu.	100 Lbs.
Manchu, Ill. Grown.....	\$0.60	\$2.20	\$3.50
Mukden, Minn. Grown.....	.70	2.35	3.75
Dunfield, Ill. Grown.....	.60	2.20	3.50
Illini, Ill. Grown.....	.60	2.20	3.50
Manchu, Minn. Grown.....	.65	2.30	3.65

TREAT YOUR SEED CORN WITH BARBAK 111

This Dependable Corn Seed Disinfectant Insures

1. Earlier planting:—Barbak-treated seed will not rot in cold, damp ground.
2. Increased germination and stand:—Barbak 111 disinfects and protects the plant past the seedling stage, allowing stored plant food in the seed to do its real job of growing.
3. Less root and stalk rots:—Barbak 111 has strong disinfectant qualities.
4. An increase in yield per acre:—In many cases the increase in yield pays the harvesting costs.

A one-pound can of Barbak 111 will treat enough seed-corn for planting 60 acres at a cost of less than 2c per acre. See page 72.

MINNESOTA-GROWN SEED CORN

Hybrid Corn—1/2 bushel, 1 bushel and 2 1/2 bushel State Sealed Bags. All other Certified Seed Corn in 1-bushel, 2-bushel and 2 1/2-bushel State Sealed Bags.

See catalog for descriptions and adaptability of varieties. Prices subject to market changes and stocks being unsold. State sealed and certified. Germination guaranteed 90% or better. (State Laboratory tests show 95%-98%.)

TERMS: Cash with order or a down payment of 25% or more will hold the corn until April 1, 1937.

MINNESOTA HYBRIDS State Sealed and Certified

	1/2 Bu.	Bu.
MINHYBRID 301 (E x B164) Flat Graded.....		
Tip Kernels.....	\$5.20	\$10.00
Round Kernels.....	4.70	9.00
MINHYBRID 401 (E x K) Flat Graded.....	4.70	9.00
Tip Kernels.....	4.20	8.00
Round Kernels.....	3.70	7.00
MINHYBRID 402 (E x I) Flat Graded.....	4.70	9.00
Tip Kernels.....	4.20	8.00
Round Kernels.....	3.70	7.00
MINHYBRID 301, Flat Graded		
Special Lot, Germination 80-85%.....	4.20	8.00

WISCONSIN HYBRIDS

State Sealed and Certified

	1/2 Bu.	Bu.
WISCONSIN 90, 95, 100, 105 and 110 DAY, Flat Graded.....		
Tip Kernels.....	\$5.20	\$10.00
Round Kernels.....	4.70	9.00
WISCONSIN 115 DAY, Flat Graded.....	5.70	11.00
Tip Kernels.....	4.70	9.00
Round Kernels.....	4.20	8.00
WISCONSIN 120 DAY, Flat Graded.....	5.70	11.00

OPEN POLLINATED SEED CORN

Certified Varieties

Germination 95-98%

	Peck	Bu.	5 Bu. @
Minn. No. 13, Haney's Strain Extra Early.....	\$1.10	\$3.85	\$3.80
Golden Jewel.....	1.00	3.60	3.55
Early Murdock.....	1.00	3.60	3.55
Minn. No. 13, Large Type.....	1.00	3.60	3.55
Minn. No. 13, Central Strain.....	1.00	3.60	3.55
Golden King.....	1.00	3.60	3.55
Minn. Ideal.....	1.00	3.70	3.65
Rustler White Dent.....	1.00	3.70	3.65
Northwestern Dent, Early Crockston Strain.....	1.10	3.85	3.80

Butts and Tips from Certified Seed

Straight Varieties—Germ. 95-98%

	Peck	Bu.	5 Bu. @
Golden King, Golden Jewel, Early Murdock, Minn. No. 13 (Central), Minn. Ideal.....	\$0.55	\$1.85	\$1.80
Minn. No. 13, Extra Early.....	.60	2.05	2.00

Not Certified Varieties

Germination 95-98%

	Peck	Bu.	5 Bu. @
Golden Glow Wis. No. 12.....	\$0.85	\$3.10	\$3.00
Minn. No. 13, Central Strain.....	.85	3.10	3.00
Minn. No. 13, Haney's Extra Early.....	.95	3.60	3.50
Early Murdock.....	.85	3.10	3.05
Golden Jewel.....	.85	3.25	3.15
Minn. No. 13, Large Type.....	.85	3.10	3.00
Northwestern Dent, Early Strain.....	.95	3.60	3.50

MINNESOTA-GROWN FLINT CORN

	Germ. %	Peck	Bu.	5 Bu. @
Longfellow.....	97	\$1.10	\$4.10	\$4.00
Longfellow.....	70	.70	2.60	2.50
King Philip.....	95	1.05	3.85	3.75
Canada Smut Nose.....	97	1.05	3.85	3.75
Canada Smut Nose.....	87	.95	3.35	3.25
Rainbow.....	95	1.05	3.85	3.75

SILAGE AND FODDER CORN

State Sealed and Certified

	Germ.	Peck	Bu.	5 Bu. @
F. S. & N. Co's. Ideal Silo.....	95	\$0.80	\$2.85	\$2.75
Evergreen Sweet Fodder Corn (not certified).....	90	1.05	3.85	3.75

Home of "Master Farmer" Seeds

ORDER EARLY . . .

Only 25% down payment will hold order until wanted. Use order sheet in back of this catalog. Write any instructions on a separate sheet.

BUILT BY SATISFIED CUSTOMERS—
THE RESULT OF HALF A CENTURY
OF DEPENDABLE SERVICE



Keep a copy of your order and check it when it arrives.

We take every precaution in filling orders correctly, however, should any error occur, we are always willing to adjust matters. Write your name and address plainly.

Sending money. Postoffice money orders, bank drafts or express money orders are always safe. Stamps up to \$1.00 are acceptable. Never send cash in a letter unless registered. Doing so will be at your own risk.

Please do not send checks under \$1.00—send cash or stamps. Allow 10c exchange on all checks to cover charges by banks. We will include extra seeds to adjust.

PARCEL POST SHIPMENTS

Packages weighing 70 pounds can be sent to all zones. For postage required on Nursery Stock, see page 28. We prepay postage and express charges on items marked prepaid in the catalog. Orders of 10 pounds or more to the 5th zone, or beyond, usually travel more cheaply by express than parcel post.

PARCEL POST RATES

Zone	Distance up to	For First Pound	Each Pound, Additional
1st and 2nd.....	150 miles	8c	1c
3rd	150- 300 miles	9c	2c
4th	300- 600 miles	10c	4c
5th	600-1,000 miles	11c	6c
6th	1,000-1,400 miles	12c	7c
7th	1,400-1,800 miles	14c	9c
8th	over 1,800 miles	15c	11c

In estimating parcel post charges be sure to make allowance for packing. A fraction of a pound takes full pound rate. Faribault is 50 miles south of St. Paul.

OUR GUARANTEE. We sell dependable, carefully tested seeds. Should failure result from the fault of the seeds we will refund your money.

Seeds, Trees, Bulbs and Plants are subject to climatic conditions over which we have no control. Therefore, the Farmer Seed & Nursery Co. gives no warranty, expressed or implied, as to the description, quality, productiveness or other matter of any Seeds, Bulbs or Plants they sell and will not be responsible for the crop, or for more than the price paid.

C. O. D. SERVICE

For your convenience we offer to ship Garden and Flower Seeds C. O. D. Simply pay the postman or Express Co. the amount due, on delivery, plus a small charge for returning the remittance. No money need be sent with the order except for Farm Seeds or perishable articles, such as Potatoes, Bulbs or Nursery Stock, in which case send 25% of the amount due, with the order.

FREIGHT AND EXPRESS SHIPMENTS. State whether you want freight or express shipment made. Transportation charges are paid by the customer, except on items marked postpaid. If no shipping instructions are given we will use our own best judgment.

POTATOES, ONIONS, BULBS, PLANTS AND NURSERY STOCK are shipped when weather conditions permit, and customers are then notified of shipments. Should a shipment reach you in bad condition, notify us at once. Have agent make notations on your expense bill. If yours is a prepaid station, full transportation charges must be sent with the order.

A Bright Outlook for 1937

Politics are forgotten. Each month shows improvement in business and in agriculture.

The farm income is up 12 points above a year ago—the stage is set for a profitable crop year.

Our aim has always been to provide the best in seeds Old Mother Earth produces, and to offer them at the lowest cost possible.

There are many short crop items, so early orders will save disappointment, and money as well.

Decide to play safe by sending your order here.

A hearty thanks to all. May you prosper in 1937.

E. J. KIEKENAPP, President.

Safe
Delivery
Assured

Index on
Page 76

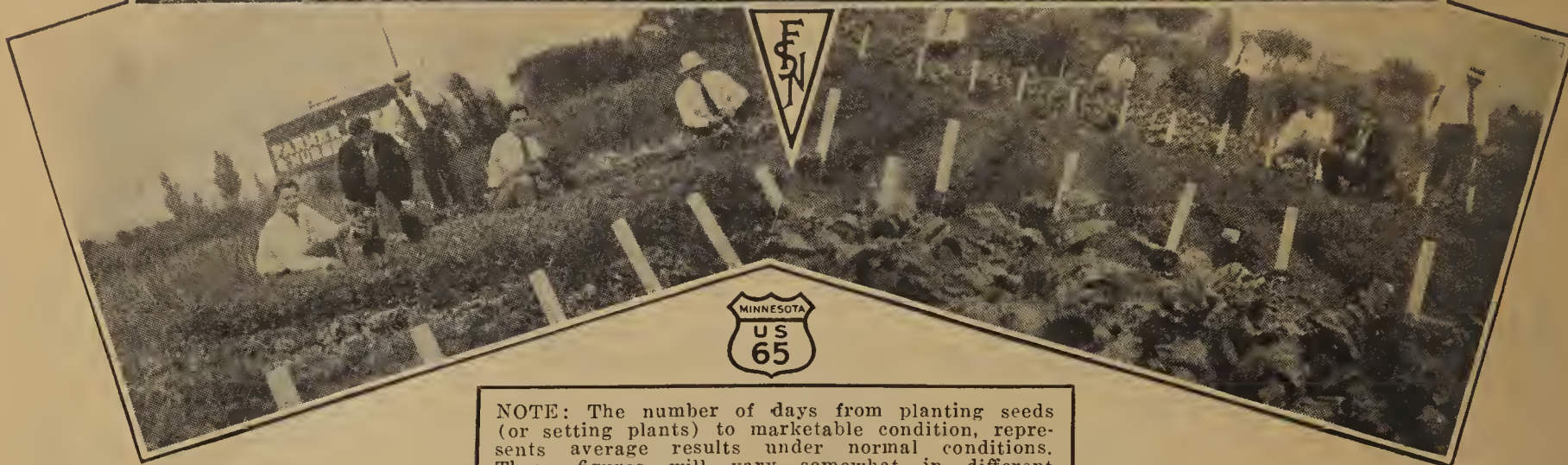


The Best Dealers in the
Northwest
Sell Our Standard Varieties
of Garden
and Flower Seeds

Look for the Faribault Seed Case.

Every
item is
carefully
tested
and
checked

before
we
recom-
mend
it to
you..



NOTE: The number of days from planting seeds (or setting plants) to marketable condition, represents average results under normal conditions. These figures will vary somewhat in different localities. However, they indicate the relative earliness of varieties.

Asparagus Seeds and Roots

CULTURE—Sow one ounce of seed to 100 feet of drill. Five pounds to the acre. Sow in drills one foot apart and one inch deep. Keep soil mellow. Thin plants to four inches apart, transplant the following year to a permanent bed. Asparagus culture leaflet free.

5. WASHINGTON RUST PROOF ASPARAGUS—The leading variety grown by market gardeners—rust resistant, producing large, straight shoots; tips of dark green color. Pkt. 8c, oz. 15c, 1/4 lb. 35c, 1b. \$1.00, prepaid.

ASPARAGUS ROOTS

Washington Rust Proof variety: 25 for 55c, 50 for 90c, 100 for \$1.50, prepaid. Culture free. See page 25 for other vegetable plants and roots.

Valuable Garden Books Free

"Make the Garden Pay," an 80-page book every customer will want—tells in condensed form how to get the most out of your garden. Written by experts, fully illustrated. Gives cultural directions and information regarding vegetable storage, insect enemies, hotbed making, etc. A complete instruction book.

"Better Gardening," a 64-page book which discloses the secrets of better gardening, the tools to use, soil preparation, fertility and cultivation, weeds, pruning, perennial borders, rock gardens, lily pools, bulbs and house plants, lawns, shrubs and trees, fruits and berries, insects and disease pests. Charts and illustrations.

Your choice of either book, given free with a \$1.00 order of vegetable or flower seeds, or a \$2.00 order of farm seeds. Be sure to name your choice in ordering.

Fresh Snap BEANS All Season

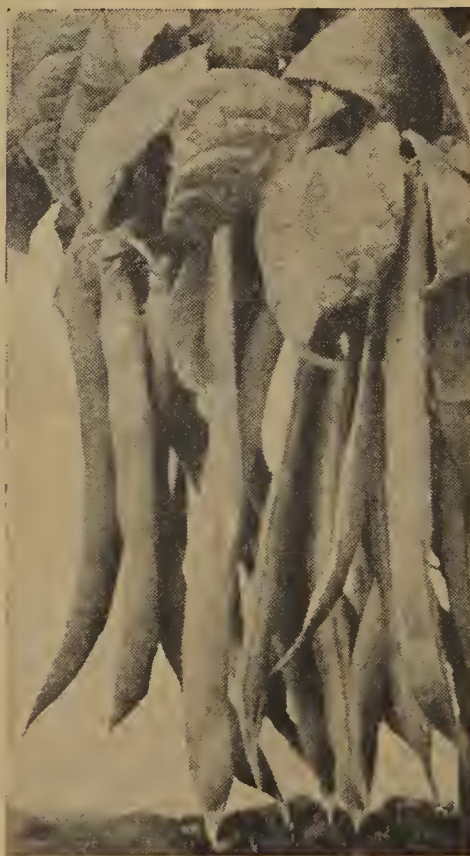
Green Pod Bush Beans

See culture on page 3.

21. NEW TENDERGREEN STRINGLESS—(54 days.) A new bean so tender and snappy it fairly melts in your mouth! Excellent for home garden or market. Pod: 6 inches long, round fleshy, dark green, stringless and of fine quality. A very heavy yielder. Seed: brown, blotched with light fawn. Mammoth Pkt. 8c, 1/2 lb. 20c, 1b. 35c, 2 lbs. 60c, 5 lbs. \$1.35, prepaid.—Not prepaid: 10 lbs. \$2.00.

22. GIANT STRINGLESS GREEN POD—(54 days.) This mammoth green pod is a money-maker, and a heavy yielder which stands dry weather. A good shipper and an excellent cooker. Pod: 6 1/4 inches long, round, meaty, strictly stringless and brittle, of attractive green color. Seed: oval, yellowish brown. Mammoth Pkt. 5c, 1/2 lb. 17c, 1b. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid: 10 lbs. \$1.80.

25. BURPEE'S STRINGLESS GREEN POD—(52 days.) Gardeners and canners like this stringless and fiberless bean for its excellent quality. It sells readily on the market, and for cut beans for canning, it can't be beat. Pod: 6 inches long, medium green, round. Seed: coffee-brown. Mammoth Pkt. 5c, 1/2 lb. 17c, 1b. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid: 10 lbs. \$1.80.



Bountiful Stringless.

Green Pod Bush Beans

See culture on page 3.

27. BOUNTIFUL—(49 days.) A bountiful yielder of delicious, extra early, green, stringless beans. For home garden and for early market, Bountiful is unsurpassed. Pod: 6 3/4 inches long, flat, stringless and of fine quality. Seed: yellow straw color. Mammoth Pkt. 8c, 1/2 lb. 20c, 1b. 35c, 2 lbs. 60c, 5 lbs. \$1.35, prepaid.—Not prepaid: 10 lbs. \$2.00.

29. FULL MEASURE (ROUND POD STRINGLESS)—(54 days.) A favorite all-purpose bean for home use, canning or market growing, because of its delicious flavor and tenderness. Pod: 6 1/4 inches long. Round, straight, very fleshy, stringless and tender. Plant: upstanding and prolific. Seed: reddish brown, mottled with buff. Mammoth Pkt. 5c, 1/2 lb. 17c, 1b. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid: 10 lbs. \$1.80.

30. MAHOGANY RED CHILI BEAN—(95 days.) Everyone likes the delicious, tangy flavor of hot Mexican Chili Con Carne! It has become a favorite American snack or supper dish, made with red kidney beans, introduced from Mexico. Anyone can grow these delicious red Chili Beans. They are of excellent quality for dry bean use. Pods: 6 inches long, flat, waxy green. Seeds: reddish brown. Mammoth Pkt. 5c, 1/2 lb. 17c, 1b. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid: 10 lbs. \$1.80.

**Wax-
Podded
BUSH**

BEANS

**SNAPPY-
TENDER-
BUTTERY**

One pound will plant 50 feet of row.

CULTURE—Beans should be sown after May 15th, when the ground is thoroughly warm. Make successive sowings, 2 weeks apart, for a supply of beans all summer. Sow in drills 15 inches apart, 2 inches deep, dropping the beans 3 inches apart in the rows, eyes down and cover. Cultivate often. Do not walk through or pick beans when wet with dew or rain.

9. FARIBAUT BRITTLE WAX

(52 days.) The finest in Wax Beans. An abundant yielder of tender, succulent, buttery-flavored beans. Ideal for home use and for canning. An excellent winter shell bean. Pods are 6 inches long, attractive lemon yellow color, and absolutely stringless. Seed is white, kidney-shaped with black eye. (See inside front cover.) Mammoth pkt. 8c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.35, prepaid.—Not prepaid, 10 lbs. \$2.00.

11. PROLIFIC BLACK WAX—

or Butter Bean—(51 days.) A good, medium early home and market garden sort. A heavy producer over a long period. Rustproof and of fine quality. Pod is 5 1/4 inches long, round, fleshy, deep golden yellow color, and of appetizing flavor. Seeds are small oval, solid black. Mammoth pkt. 5c, 1/2 lb. 17c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. \$1.80.

12. BLACK PENCIL POD WAX—

(52 days.) A favorite money-maker for the gardener. Vigorous, productive and of appetizing flavor. Pods are 6 3/4 inches long, round, fleshy, golden yellow, tender, absolutely stringless, brittle and of finest quality. Seeds are oblong, solid black. Mammoth pkt. 5c, 1/2 lb. 17c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. \$1.80.

13. IMPROVED GOLDEN WAX

(49 days.) Exceptionally hardy and rustproof. Pods are 4 3/4 inches long, flat, creamy-yellow in color, stringless, and of good quality. Seeds are oval, white with mottling of violet and light yellow around eye and ends. Mammoth pkt. 5c, 1/2 lb. 17c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. \$1.80.

15. SURE CROP STRINGLESS

WAX.—(53 days.) Particularly favored by truckers and shippers. Resistant to blight and rust, exceptionally hardy and vigorous even in dry sections. Bears heavily. Pods are 6 1/2 inches long, golden yellow, flat, brittle, strictly stringless, of fine texture and quality. Seeds are oval, jet black. Mammoth pkt. 5c, 1/2 lb. 17c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. \$1.80.

16. UNRIVALLED ROUND POD

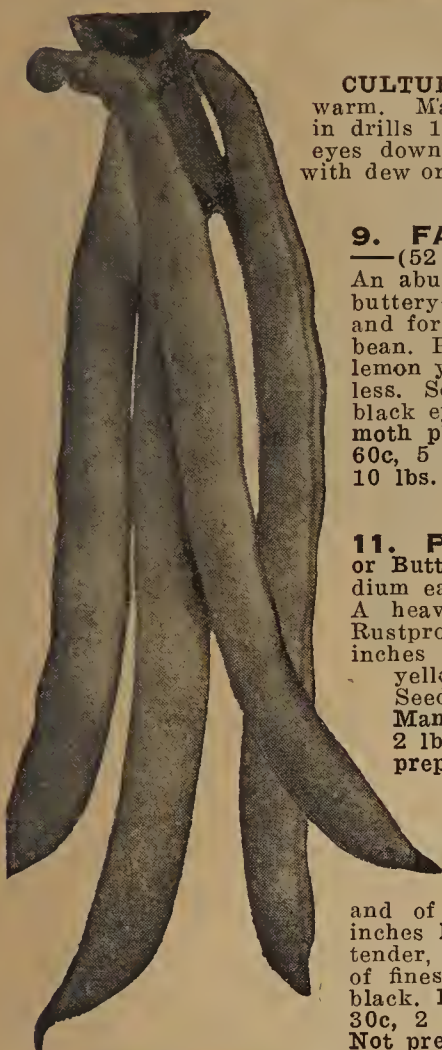
WAX.—(52 days.) Very popular among our market gardener trade. Pods are 5 1/2 inches long. Attractive deep yellow, thick-flat, brittle, stringless when young. Plant is dwarf, erect, stocky, very productive. Seeds are small, oval, glossy golden brown. Mammoth pkt. 8c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.35, prepaid.—Not prepaid, 10 lbs. \$2.00.

19. EARLY WONDER WAX—

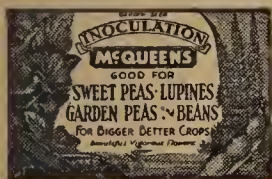
(40 days.) The ideal wax bean for early market, and first on the dinner table. Extremely early and resistant to rust, a very heavy yielder. Pods are 6 1/2 inches long, clear waxy yellow, plump, tender, brittle, of fine texture and very meaty. Plant is large, strong, productive. Seeds are yellow. Mammoth pkt. 5c, 1/2 lb. 17c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. \$1.80.



Faribault Brittle Wax.



Sure Crop Stringless.



BEANS SHOULD BE INOCULATED

for bigger yields and better quality crops. We recommend McQueen's Inoculator. The small extra cost is repaid tenfold. McQueen's Garden Size Inoculator (treats 5 lbs. garden beans). Pkt. 15c, prepaid. Market Grower Size Inoculator (treats 15 lbs. garden beans). Pkt. 25c, prepaid.

Pole or Runner Beans

One pound plants 200 hills.

Plant in hills 3 feet apart each way, sowing 4 to 6 beans to a hill. Stake with poles 7 feet high.

60. OLD HOMESTEAD OR KENTUCKY WONDER—

(65 days.) The most popular pole bean grown. A splendid canner. Will bear heavily all summer if kept picked. Pods are 8 inches long, silvery green, practically round, of good quality and very brittle. A strong climber—ideal for planting in corn-fields. Seeds are buff brown. Mammoth pkt. 5c, 1/2 lb. 17c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. \$1.80.

61. SCARLET RUNNER—

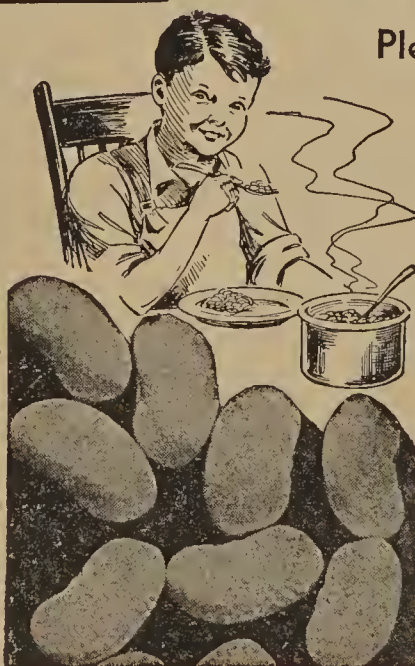
(66 days.) Used for decorative purposes and for snap and green shell beans. Brilliant scarlet flowers, followed by large delicious pods. Ideal for covering fences. Pkt. 8c, 1/2 lb. 20c, lb. 35c, prepaid.

FARM BEANS

For Baking, Soups, and Salads the Year Around

40. GREAT NORTHERN—The most delicious baking bean grown. Far better for baking and cooking than any navy bean, as it cooks in two-thirds of the time, and is of much better flavor. Beans are larger than common navy beans. Mammoth pkt. 5c, 1/2 lb. 12c, lb. 20c, 2 lbs. 35c, 5 lbs. 75c, prepaid.—Not prepaid, 10 lbs. \$1.20.

41. ROBUST NAVY—Plants are of decidedly robust growth. Beans are clear white. Mammoth pkt. 5c, 1/2 lb. 12c, 1 lb. 20c, 2 lbs. 35c, 5 lbs. 75c, prepaid.—Not prepaid, 10 lbs. \$1.20.



Great Northern Tasty Bake Beans.

LIMA OR BUTTER BEANS

Plenty of "Dry Shell" Beans Saves Grocery Bills

One pound will plant a row 50 feet long.

CULTURE—Bush Limas should be planted in rows 3 feet apart in rich soil, 6 to 10 inches apart in the row, always setting the seed with the eye down. Plant about 3 inches deep.

50. FORDHOOK BUSH LIMA—

(75 days.) The most popular large seeded Dwarf Lima among market growers. It supplies many dinner tables with big, plump, buttery beans of delicious flavor. Pods are 4 1/2 inches long, 1 inch wide; contain 3 to 4 seeds. Green shell beans; large thick oval, of excellent quality. Seeds are white with tinge of green. Mammoth pkt. 8c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.35, prepaid.

51. BURPEE'S IMPROVED BUSH LIMA—

(75 days.) Of excellent quality and luscious flavor. Pods are 4 inches long, 1 1/4 inches wide; contain 4 to 5 seeds. A heavy yielder. Seeds are large, plump, flat, slightly wrinkled; white with greenish tinge. Mammoth pkt. 8c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.35, prepaid.

52. HENDERSON BUSH LIMA—

(68 days.) Produces small, flat, green shell beans of excellent quality. Very early and fine for canning. Pods are 3 1/2 inches long with 3 to 4 seeds. Plant is small, bushy. Seeds and dry beans, creamy white. Mammoth pkt. 5c, 1/2 lb. 17c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.

53. NEW HOPI INDIAN LIMA—Plant seed early. A small, hardy, vining Lima that matures anywhere in the United States. Of delicious flavor and an abundant yielder. Ideal for making succotash or as a green-shelled Lima, or as a dry bean. It can be grown on any well drained soil with or without trellis. Mammoth pkt. 5c, 1/2 lb. 17c, lb. 30c, 2 lbs. 55c, prepaid.

Beans are Delicious—Nourishing—Rich in Protein and Minerals

**RICH
RED**

Table Beets

**TENDER
and
DELICIOUS**

**Detroit
Dark Red.**

**The Finest
All-Purpose
Beet.**

CULTURE—The soil for beets should be rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked; continue for a succession as late as the middle of July; when the plants are large enough, thin out to stand six inches apart.

For the home garden, **Crimson King** and **Early Winesap** are the most tender early beet; **Detroit Dark Red** and **Ohio Canner** are the best main crop sorts.

83. EXTRA EARLY WINESAP—(54 days.) The first beet on the family dinner table. Winesap combines excellent quality, flavor and tenderness with its exceptional earliness. Roots are semi-globular, deep rich crimson with small taproot. Flesh is fine grained, sweet and tender. Tops are medium small. (See inside front cover.) Pkt. 8c, oz. 15c, ¼ lb. 35c, lb. \$1.10, 2 lbs. \$2.00, prepaid.

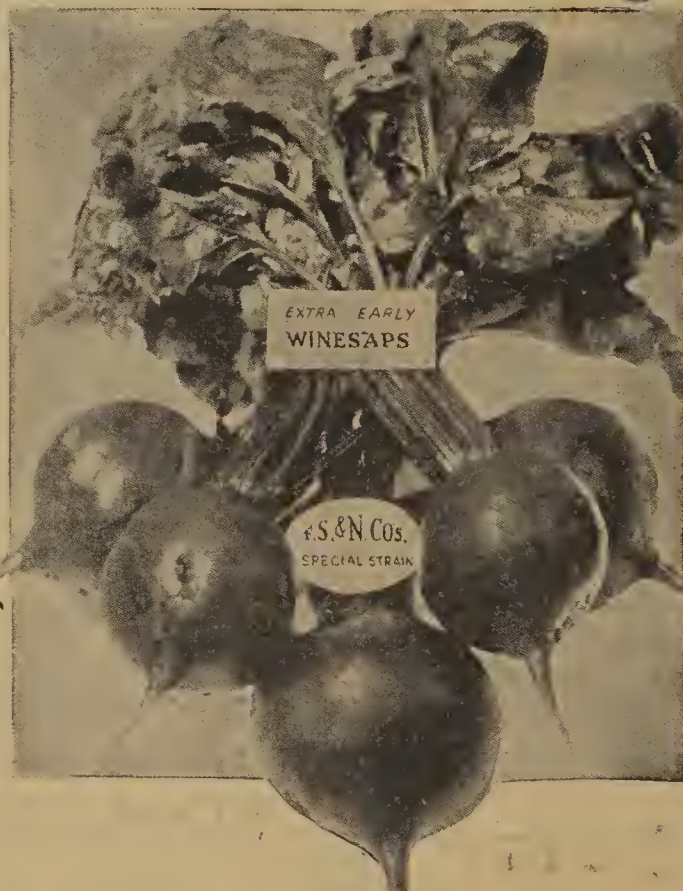
84. EARLY WONDER—(54 days.) First on the early market. A splendid shipping variety. Similar in quality to Winesap. Roots are blood red with small taproot. Flesh is blood red with lighter zones, tender and of good quality. Tops are medium small. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 90c, 2 lbs. \$1.75, prepaid.

87. CRIMSON KING.—The darkest red beet we know of. The smooth, globular roots grow to a diameter of 3½ to 4 inches, with small tops and taproots. It's a delicious, tender beet with a deep maroon interior color and complete absence of zoning. Pkt. 8c, oz. 15c, ¼ lb. 35c, lb. \$1.00, 2 lbs. \$1.90, prepaid.

88. OHIO CANNER—(Medium Early). The absence of lighter zones, the smooth symmetrical form and superior color make this one of the most perfect canning and pickling beets yet developed. Also splendid for market growing and table use. Roots are uniformly round, small taproot. Flesh is intense deep blood red, with no trace of lighter rings. Tops are small, dark. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 90c, 2 lbs. \$1.75, prepaid.



85. DETROIT DARK RED—(62 days.) The outstanding late variety for truckers, produce shippers, canners and home gardeners. A most popular, real quality beet. Roots are globular, smooth, uniform, attractive, with small taproot. Flesh is deep oxblood red, with indistinct zones. Splendid quality, sweet and tender, without any trace of woodiness. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.10, 2 lbs. \$2.00, prepaid.



Early Garden-Fresh Beets are Delicious served with butter or sliced in salads. Late crop can be pickled or stored for winter use.

SWISS CHARD or Spinach Beet

Swiss Chard produces more food than any other vegetable, in proportion to the space required. The leaves are used for greens and are of much milder flavor, and more delicate texture, than spinach. It will produce a constant crop from early summer until winter. Cook like asparagus.

98. LUCULLUS (SWISS CHARD)—(55 days.) Greatest of all summer greens. A variety of beet grown for its leaves. They may be used just as Spinach. Constant crop from July until winter. It makes good poultry feed, too. Of exceptionally tender quality and good flavor. Rich in vitamins. Leaves are heavily crumpled. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 80c, 2 lbs. \$1.50, prepaid.



Swiss Chard—Rich in vitamins.



When young it is ideal for Canning or Pickling Whole.

MANGEL BEETS

An ounce will sow 100 feet of drill, 5 lbs. will sow an acre.

Mangels are of high feeding value for all livestock. They keep hens healthy, and stimulate egg production. Feed at the rate of 25 lbs. to 100 hens per day, with grain.

CULTURE—Sow at corn planting time—in drills 2 to 2½ feet apart, on rich moist land, the seed should be planted an inch deep; on dry and sandy soil it must be planted 1¼ to 1½ inches deep. Thin out to stand 8 inches apart in row.

105. MINNESOTA GOLDEN TANKARD—The best yellow mangel in cultivation. Has a high sugar content, is a heavy cropper and easily harvested. Roots are large, nearly cylindrical, partly above ground; skin orange. Flesh yellow.

106. MAMMOTH LONG RED—The best cropper of all. Yields from 20 to 30 tons per acre. High feeding value, and exceptional quality. Roots extremely large, tapering, grow half above ground; skin light red. Flesh is white with rose tinge.

108. GIANT SLUDSTRUP—A very high yielder. Roots are long, oval, orange colored. Flesh is white with yellow tinge; high in feeding value.

109. GIANT HALF SUGAR—Roots are long, oval, white with light bronze-green shoulder. Flesh is white, rich in sugar; a good feeding sort.

115. SUGAR BEET, KLEIN WANZLEBEN—The most popular variety for sugar manufacture on account of high sugar content; also good for stock feed. Roots are long, with white skin and flesh.

Prices on all Mangels: Oz. 8c, ¼ lb. 20c, lb. 55c, prepaid.—Not prepaid, 5 lbs. at 45c per lb., 10 lbs. at 40c per lb. Ask for prices on larger lots.

BRUSSELS SPROUTS

70. A delicious vegetable for winter use, of mild, cabbage flavor. Tall stems are covered with firm, tiny, cabbage-like sprouts. Cook the small heads and serve with butter or a cream sauce. Start seed indoors, same as cabbage. Transplant to garden in May. Pkt. 8c, oz. 20c, ¼ lb. 75c, prepaid.

BROCCOLI

80. ITALIAN GREEN SPROUTING—A novelty of the cauliflower family which after the first head has been harvested, produces branching sprouts on which are small loose heads 2 inches in diameter. They have a delicate flavor and are most delicious. Pkt. 8c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00, prepaid.



Chantenay.
Ideal for home gardening.



Nantes Coreless.
A rare delicacy when half grown.

Tasty-Tender TABLE CARROTS

One ounce of seed will sow 100 feet of drill, three to four pounds per acre.

CULTURE—The carrot is one of the most nutritious and healthful roots, and should be more generally used for the table as well as for stock feeding purposes. Will grow in any soil; sandy deep loam is best. Sow as early as the ground can be worked, in rows 15 to 18 inches apart, covering about one-half inch. The plants should be thinned to two, three, or even four inches apart in rows.

ALL-AMERICA SELECTIONS

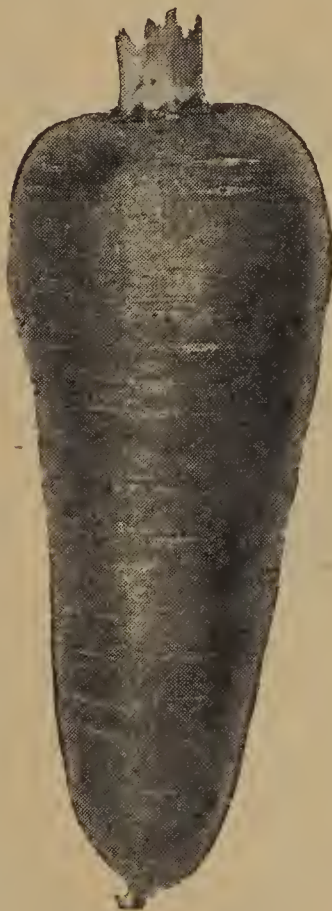
178. NEW SUPREME HALF LONG—A 1937 All America Selection. This slender, refined half-long carrot has smooth roots, which grow entirely under ground. Of exceptionally attractive color, with a small red core. Interior color best of any carrot. Of fine flavor and quality. Tops are small. (See inside back cover.) Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.25, prepaid.

170. F. S. & N. CO'S SUPERIOR MARKET—(76 days.) A handsome carrot of the Emperor type. The finest shipping carrot in cultivation. Its splendid quality and attractive bunching appearance makes the new Superior Market sell on sight. Roots: 8 inches long, 2 inches thick at top; with sloping shoulder, tapered to a semi-blunt end, very uniform. Flesh: rich orange color, fine grained, scarcely noticeable core, tender, and of delicious flavor. Pkt. 5c, oz. 12c, ¼ lb. 30c, lb. \$1.00, prepaid.

171. DANVER'S HALF LONG—(75 days.) The best known and one of the most reliable carrots for home and market gardening. Easily harvested, a good keeper and an excellent shipper. Roots: 6 to 7½ inches long, bright orange, tapered to a blunt end. Flesh: bright orange, tender and of a good quality. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

172. NANTES CORELESS HALF LONG—(69 days.) Customers who do not like ordinary carrots are delighted with these. They have a distinct flavor and tenderness all their own, and when half grown they are a rare delicacy on any table. Excellent for forcing as well as for home and market garden use. Roots: 5½ to 7 inches long, 1¾-inch shoulder diameter, bright orange, cylindrical, blunt ended. Flesh: reddish-orange, crisp, tender, and of very delicate flavor; practically coreless. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 90c, prepaid.

173. NEW IMPERATOR—(77 days.) A truly outstanding type, bred for market garden use and for shipping, but also a splendid home garden sort. Tops medium, but strong enough for good bunching. Roots: 7 to 8½ inches long, 2-inch sloping shoulder; smooth, deep rich orange; uniformly tapered to a semi-blunt end. Flesh: rich orange color, extending to center of root, with indistinct core; fine grained, tender and of superior quality. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 90c, prepaid.



Danvers Half Long.
A heavy yielder and fine keeper.



Imperator—sells on sight.



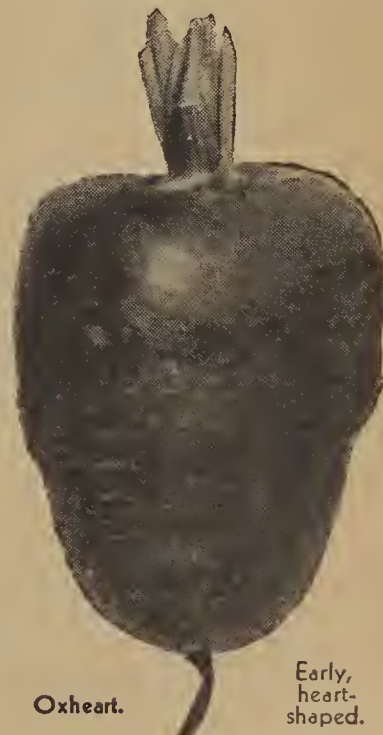
Superior Market—an ideal bunching sort.

175. EARLY CHANTENAY OR MODEL—(71 days.) This is an excellent all-purpose, medium-early variety, desirable for home and market garden, and for canners in packing diced carrots. Roots: 5 to 6 inches long, deep orange, smooth tapered, stump rooted. Flesh: deep orange with indistinct core. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 90c, prepaid.

177. RED CORED CHANTENAY—(71 days.) Here is a distinctly improved Chantenay, with excellent texture and quality of flesh. Its unique interior color and delicate flavor bring a premium on every market and a rare treat to the home table. Roots: 5 to 6 inches long, 2¼ inches thick at shoulder. Flesh: reddish-orange with indistinct core of nearly same color; exceptionally tender and sweet. Pkt. 5c, oz. 12c, ¼ lb. 30c, lb. \$1.00, prepaid.

174. OXHEART or GUERANDE—(72 days.) Desirable for home use, prolific and a good keeper. Especially suited to field culture on heavy soils. When fully mature, often used for stock feeding. Excellent table quality when young. Roots: 4 to 5 inches long, 2½-inch shoulder diameter; bright orange, thick, blunt-ended, of heart shape. Flesh: deep orange, tender, of good quality. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 80c, prepaid.

MARKET GROWERS: Ask for Special Price List



Oxheart.

Early, heart-shaped.

CARROTS for Stock Feeding

Easily Grown. Heavy Yields.

Sow seed in drills 3 feet apart, using about 4 pounds per acre. Large yield from small pieces of ground. Tonnage per acre enormous.

185. YELLOW BELGIAN—(95 days.) Very similar to White Belgian, except for color—pale yellow skin with green top. Hardy and productive. Pkt. 5c, oz. 8c, ¼ lb. 20c, lb. 65c, prepaid.

186. WHITE BELGIAN—(95 days.) A heavy cropper, easily harvested. Best results in deep soil. Sow 4 pounds to the acre. Roots: 10 to 14 inches long, 3 to 4 inches thick at top; skin: green above ground, white below. Pkt. 5c, oz. 8c, ¼ lb. 20c, lb. 65c, prepaid.

Free Books to Customers

Your choice of any one of the following books, with a \$1.00 order of Garden Seeds—or a \$2.00 order of Farm Seeds. Be sure to request them when ordering.

Make the Garden Pay.....	80 pages
Better Gardening	63 pages
Grow Your Own Fruit.....	80 pages
Make The Soil Productive.....	64 pages
Our Pastures	48 pages
Success With Corn	29 pages
Weeds Mean Waste	42 pages
Sweet Clover	30 pages
Alfalfa	37 pages
Soy Beans	33 pages
More and Better Potatoes.....	61 pages

FINEST *American and Danish Grown* CABBAGE SEED

One ounce will produce about 1,500 plants. $\frac{1}{4}$ lb. of seed for an acre.

FROSTPROOF
AND
TRANSPLANTED
CABBAGE
PLANTS
On Page
25.



EARLY
JERSEY
WAKEFIELD

Late Cabbage

142. PENN STATE BALLHEAD—(110 days.) Developed by Penn State College of Agriculture. This late cabbage is the heaviest yielder and the most uniform of all. Especially desirable for winter storage and for kraut. Plants: Medium with short stem. Heads: Large, attractive, flattened globe-shape. Extremely hard. Weighing 15-20 lbs. each. Shows marked resistance to blackleg, and in big demand by market gardeners. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.75, prepaid.

144. PREMIUM LATE FLAT DUTCH—(100 days.) Slow growing, sure heading, of immense size and splendid quality. A favorite variety for home and market growing or for winter storing. Head: 10 to 12 inches thick, 7 inches deep, weighs 12 to 14 lbs.; extremely large, flat and solid. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 55c, lb. \$1.65, prepaid.

141. DANISH ROUNDHEAD—(95 days.) This is an early, short-stemmed strain of the famous Danish Ballhead. In yield, head size and quality it is similar to Danish Ballhead. Roundhead, however, is 10 days earlier and has a shorter stem. Pkt., 5c, oz. 20c, $\frac{1}{4}$ lb. 55c, lb. \$1.85, prepaid.

Yellows Resistant Cabbage Varieties

134. HOLLANDER, WISCONSIN NO. 8—(100 days.) A splendid late cabbage for storage, shipment and kraut manufacture. A heavy yielder on land infested so badly with yellows disease that other varieties fail completely. Head: 8 inches thick, weighs 8 lbs., large, almost globe shaped, very firm and of excellent quality. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$3.00, prepaid.

137. WISCONSIN "ALL SEASONS"—(90 days.) An excellent kraut and winter keeping sort—valuable in areas infested with "Cabbage Yellows"—also resistant to wilt and will survive heat and drought. Head: 11 inches thick, 8 inches deep, weighs 9 to 10 lbs. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$3.00, prepaid.

The best way to start cabbage, especially the early sorts, is in hotbeds, flats, or in a greenhouse. Sow the seed $\frac{3}{4}$ inch deep, in carefully prepared rich garden soil. Seed usually germinates in 5 to 10 days. When ready to transplant, set into paper pots or plant bands, in flats, until time to set outdoors. The plants can then be set out without disturbing the roots, and the paper bands form the best protection against cutworms. Set in rows 2 feet apart, 20 inches apart in the rows.

Late cabbage may be sown in the open, in rows, and transplanted when 4 to 6 inches high.



GOLDEN ACRE.

Most profitable for early market. Ideal for home gardens.

140. DANISH BALLHEAD, TRUE HOLLANDER—(105 days.) The finest late cabbage grown. The head is of an attractive white color, does not burst, and of exceptional flavor, crispness and tenderness. It survives both cold and dry-hot weather. It will keep throughout the winter in excellent condition. For shipping, for storage or for kraut—it is unsurpassed. Head: 7 to 8 inches thick, weighs 6 to 7 lbs., very attractive, deep, round and extremely solid. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 55c, lb. \$1.85, prepaid.

R. C. Rose, Extension Pathologist at the Minnesota Experiment Station, recommends Yellows Resistant varieties for disease-infested soils.

Early Cabbage

121. EARLY JERSEY WAKEFIELD—(62 days.) Extra early small plants with short stems—permitting close setting in the row, and hard, compact pointed heads of splendid quality. A valuable addition to home or market garden. Head: 5 inches thick, weighs 2 to 2 $\frac{1}{2}$ lbs., small, compact, conical, 7 inches long. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 55c, lb. \$1.90, prepaid.

126. GLORY OF ENKHUIZEN—(75 to 80 days.) A second early sort particularly valuable for kraut. A good shipper. Head: 8 inches thick, weighs 5 to 8 lbs., large, round, solid, with few outer leaves, of excellent quality. Stem: medium short. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.65, prepaid.

133. EARLY DWARF FLAT DUTCH—(71 days.) A fine medium early sort and a dependable header for market or home garden. It will withstand heat, is noted for flavor and tenderness, and is a fine keeper. Head: 8 inches thick, weighs 4 to 5 lbs., nearly round, solid and of good quality. Stem: short. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.50, prepaid.

136. EARLY COPENHAGEN MARKET—(68 days.) Very early and of uniform maturity, compact plants, and of excellent quality. Splendid for early market and shipment. Valuable as an early kraut variety and a good home garden sort. Head: 6-7 inches thick, weighs 3 $\frac{1}{2}$ to 4 lbs., round, solid and of superior quality. Stem: short. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 55c, lb. \$1.75, prepaid.

138. EXTRA EARLY GOLDEN ACRE—(63 days.) This is the earliest round headed cabbage. A Copenhagen type, but a week earlier than Copenhagen Market. Of high quality. Golden Acre is the most profitable sort on the early market. Head: 6 inches thick, weighs 3 lbs., small, round and solid. Stem, short. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00, prepaid.

Red Cabbage

152. MAMMOTH RED ROCK—(98 days.) The largest and best of the red cabbages. Of superior quality and an excellent keeper. Head: 7 inches thick, weighs 7 to 8 lbs., round, extremely hard, color purplish red. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.25, prepaid.

We Offer Transplanted Cabbage, Cauliflower, Celery and Tomato Plants on Page 25.



DANISH
BALLHEAD.

Finest late cabbage grown.

Finest Danish Grown Cauliflower

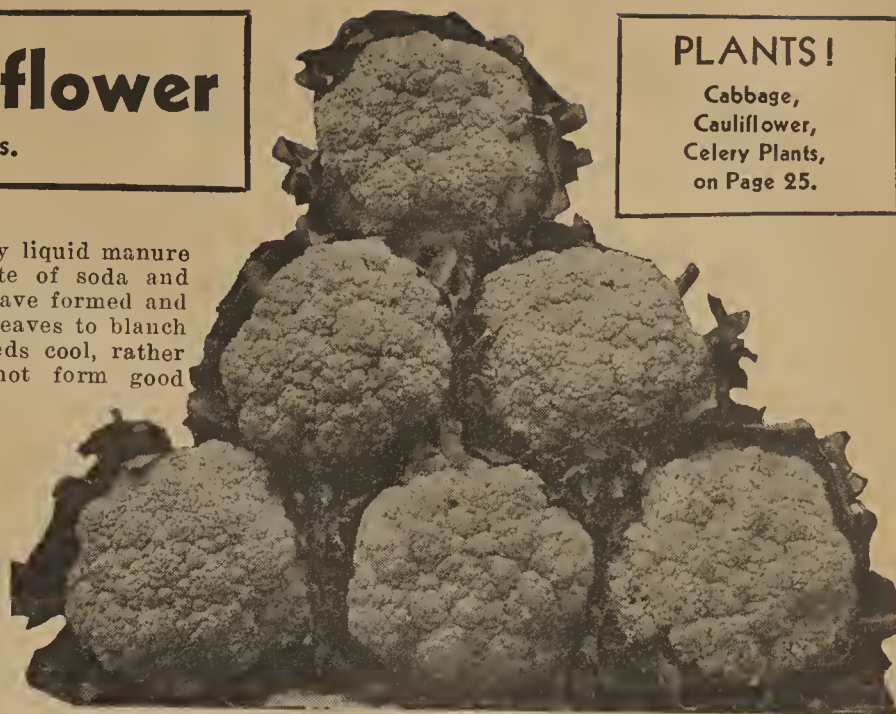
One ounce of seed will furnish 2,500 to 3,000 plants.

CULTURE: Sow the seed in flats or hotbeds, in a rich soil composed of equal parts of garden soil, leaf mould, and sand. Seed may be started in February or March. Transplant to other flats, or to paper pots, when the plants are 2 or 3 inches high. Set outdoors as soon as weather permits, 2 to 3 feet apart each way. The soil should be rich, containing plenty of humus matter and moisture. While the heads are forming,

water freely, and apply liquid manure or light dressing of nitrate of soda and potash. When the heads have formed and are hard, tie up the outer leaves to blanch the heads. Cauliflower needs cool, rather damp weather and will not form good heads in a dry, hot season or in dry sections.

166. SUPER SNOWBALL CAULIFLOWER—(52 days.) An extra early strain of the famous Snowball with particularly attractive pure white, solid heads. Excellent for forcing or general field culture. Its early and even maturity and unsurpassed quality brings a premium on any market. Heads: 6 to 7 inches thick. Pkt. 15c, 1/4 oz. 50c, 1/2 oz. 90c, oz. \$1.65, 1/4 lb. \$6.00, prepaid.

2,500 to 3,000 Plants from 1 oz. of seed. 6 to 7 ounces plant an acre. Number of days from setting out plants to marketable heads listed here.



Super Snowball Cauliflower brings highest market price.

165. DRY WEATHER OR DANISH GIANT—(67 days.) A variety well adapted to dry weather conditions. It is later than Early Snowball and of larger growth. Heavy foliage fully protects the heads, which are less liable to blight in hot weather. Dry Weather requires less moisture than other sorts, yet quality is superb. Head: 6 to 8 inches thick, weighs 2 lbs., hard, creamy white and of delicious flavor. Pkt. 10c, 1/4 oz. 45c, 1/2 oz. 85c, oz. \$1.50, 1/4 lb. \$5.50, prepaid.

160. EARLY SNOWBALL—(55 days.) One of the best and most widely used early varieties. The plants are dwarf with short, pale green leaves. A dependable header. Although this is an extra early sort, it can also be planted to advantage for late fall and winter use. Head: 6 to 7 inches thick, of medium size, firm, compact, solid, pure white, and of finest quality. Pkt. 10c, 1/4 oz. 45c, 1/2 oz. 85c, oz. \$1.50, 1/4 lb. \$5.50, prepaid.

161. SELF PROTECTING DANISH PERFECTION—(58 days.) A main crop sort of Early Snowball type with somewhat larger heads, and several days later in maturing. However the heads are better protected by large leaves which does away to a certain extent with the necessity of tying up the leaves to blanch the heads. Heads: 7 to 8 inches thick, weighs 2 1/4 lbs., compact, snow white and very attractive. Pkt. 10c, 1/4 oz. 45c, 1/2 oz. 85c, oz. \$1.50, 1/4 lb. \$5.50, prepaid.

Chinese Celery Cabbage

157. NEW CHIHILI—An exceptionally fine Chinese Cabbage. Early growing and sure heading, resembling Cos Lettuce, producing large, solid white heads of upright growth, torpedo shaped, long and pointed at the top, about two feet in height. Leaves are broad, compact, tightly folded and beautifully white and very crisp. (See inside back cover.) Sow after July 1st to avoid flowering. Pkt. 8c, oz. 20c, 1/4 lb. 50c, prepaid.

See Color Illustration Inside Back Cover.

158. WONG BOK—The largest of the Chinese Cabbages, a little shorter and thicker than the "Chihili" variety, and will not go to seed readily. Delicious as a salad vegetable.

Heads are thick, oblong, with tightly folded, crisp, white leaves, as tender as those of head lettuce. The flavor is that of very solid cabbage, blended with celery. Do not sow until June or July to avoid flowering. It makes a delicious salad, sliced and served with French dressing. Boiled like cabbage, Celery Cabbage is especially fine. Pkt. 5c, oz. 15c, 1/4 lb. 45c, lb. \$1.65, prepaid.



Chinese Celery Cabbage. New Chihili.

159. CHINESE CELERY CABBAGE (For Poultry)—A new cheap, green feed of great value for poultry, more productive than lettuce, spinach or mangels. Sow the seed in rows 1/2 inch deep and 24 inch apart, using 3 lbs. seed per acre. An ounce of seed will provide green feed for 100 hens for 4 months. Commence feeding Chinese Cabbage when plants are 4 inches high, pulling out every other plant. Plants form heads of 5 to 7 lbs. in 2 months, which can be stored until wanted. Pkt. 5c, oz. 15c, 1/4 lb. 45c, lb. \$1.50, ppd.

Superior—CELERY—Strains

An ounce of celery seed will produce 7,500 plants.



Golden Self Blanching Celery. Wholesome and delicious,

1/4 pound of seed will produce enough plants for one acre.

Note: Number of days from planting seed to edible stage are listed here.

CULTURE—Sow the seed in flats, during February or March. Celery seed germinates slowly and the surface of the soil must be kept constantly moist. Cover the seed very lightly, with fine sand rather than with soil, to prevent a hard surface. When plants are 2 or 3 inches high, transplant them to other flats. In May, set them out in rows 3 feet apart, 6 inches apart in the rows.

To blanch celery, hill up the stalks with earth, but do not let any dirt fall into the hearts of the plants, and do not work at it while wet. Celery may also be banked with boards pushed close to both sides of the rows. For winter store in cellar.

195. SELECT FRENCH GOLDEN SELF BLANCHING—(118 days.) This is the best Celery for early table use, and is the most popular grown for the market. Bleaches as well as any yellow variety but not recommended as a late sort. The plants grow to medium size, and are stocky and compact. The heart is rich golden yellow, with light yellowish green outer stalks and leaves. Stalks are broad and heavy, but remarkably crisp and tender, entirely free from stringiness and of fine flavor. Pkt. 10c, oz. 40c, 1/4 lb. \$1.50, lb. \$5.00, prepaid.

197. AMERICAN GOLDEN SELF BLANCHING—(120 days.) Popular with market gardeners and shippers. Plants are medium in height, stocky and compact; foliage yellowish green; stalks are very solid, broad, of delicate nutty flavor; blanches readily to golden yellow. Pkt. 5c, oz. 25c, 1/4 lb. 75c, lb. \$2.75, prepaid.

198. MICHIGAN GOLDEN—(Yellows Resistant Strain.) A new strain of self-blanching Celery highly resistant to yellows or root rot. It is intermediate in type between Tall Golden and Golden Plume. It has shown unusual resistance to yellows on infested soils. Recommended by Michigan State College. Pkt. 15c, 1/2 oz. 75c, oz. \$1.35, 1/4 lb. \$5.00, prepaid.

Grow BETTER SWEET CORN for HOME AND MARKET

One pound will plant 200 to 300 hills; use 10 to 15 pounds per acre.

CULTURE: A rich warm soil will give the best results. Work soil thoroughly before planting. Plant in hills 3 to 3½ ft. apart each way, or sow in rows 3½ ft. apart, placing the seed about 8 inches apart in the rows. Plant as soon as danger of frost is past; for succession, plant every two weeks until July. Give frequent and thorough but shallow cultivation.

NOTE: Days from planting to eating stage are listed.

228. EXTRA EARLY GOLDEN GEM—(60 days.) Originated by the North Dakota Agr. College. Now the long-looked-for time when luscious corn on the cob may be enjoyed has been advanced 10 to 12 days, for Golden Gem is ready that much earlier than its grandparent, Golden Bantam. It is proving a gold mine to market gardeners in reaching the earliest market. Ear: 6 inches long, 8 rowed; kernels deep yellow, tender, exceptionally sweet and of good flavor. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.60, prepaid.—Not prepaid, 15 lbs. at 22c per lb.

223. EARLY SUNSHINE—(66 days.) Another noteworthy development of the North Dakota Experiment Station. An early yellow variety, with a larger ear, and about 5 days ahead of Golden Bantam. Highly prized by market growers and excellent for home garden. Flavor, tenderness and quality are superb. Ear: 7 inches long; kernels golden yellow, sweet tender and of good flavor. (See inside front cover.) Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.60, prepaid.—Not prepaid, 15 lbs. at 22c per lb.

226. GOLDEN BANTAM—(70 days.) To most home gardeners, Sweet Corn means Golden Bantam. Also desirable for trucking and canning. It is medium early, dependable and of wonderful quality. Ear: 6½ inches long, 8-rowed, Kernels broad with tender hull, sweet and of exceptionally fine flavor. Stalk: 5 to 5½ feet high. Pkt. 5c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.35, prepaid.—Not prepaid, 15 lbs. at 20c per lb.

NOTE: Don't buy Hybrid varieties of Sweet or Field Corn with the idea of saving your own seed. By doing so these strains will revert and lose their Hybrid vigor and productivity. First generation seed only should be planted from the breeding plots of experienced growers. The extra returns more than offset the seed cost.



Extra Early Golden Gem.

227. GOLDEN EARLY MARKET—(67 days.) Also known as Golden Hummer. One of the finest extra early yellow varieties for market. Ears have strong husks, 8 to 12 rowed and 6½ inches long. Kernels are golden yellow, tender, sweet and of good flavor. Stalk: 5 ft. Very heavy yielding for such an early sort. Fine for home gardens also. Pkt. 5c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 15 lbs. at 20c per lb.

F. S. & N. Co.

Last year we had your Minhybrid No. 202 Sweet Corn and pronounce it the very best yet. The ears were enough larger than the old Golden Bantam we used to have, that two ears were about all the hungriest one of us could eat at a meal. The quality was beyond anything we ever tasted.

Leon E. Gale,
Piercefield, N. Y.

Use "Master Ear Worm Dust"

Remember what a time you had with ear worm in your sweet corn in the past? Well here's an easy, inexpensive way to put a stop to the ravages of the corn ear worm this year.

Merely apply "MASTER EAR WORM DUST" when the silks begin to appear. Apply every 10 days until 2 or 3 applications have been made.

"MASTER EAR WORM DUST" is very easily and quickly applied, and saves its cost tenfold in enabling you to produce a perfect crop of sweet corn. Full instructions on every package. (Use 40 to 50 lbs. per acre.)

Prices: 1 lb. 25c, prepaid.—Not prepaid, 5 lbs. 75c, 10 lbs. \$1.25, 100 lbs. \$5.00.



Minhybrid 202—highest sugar content.

244 "ALL SUMMER COLLECTION"

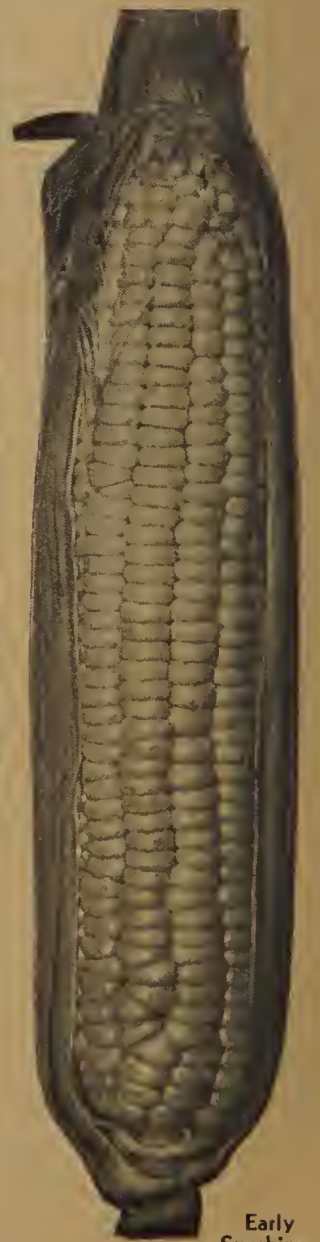
Pick fresh Sweet Corn throughout the summer. How good that flavor can be if picked just an hour before using! Here's a collection that can be planted at one time and will supply your table all summer.

A—Early Golden Sunshine. Extra early.

B—Golden Bantam. Medium early. Always dependable.

C—Oregon Evergreen. Medium late white variety.

SPECIAL PREPAID PRICE { 1 pkt. of each of these 3 varieties...15c
½ lb. of each of these 3 varieties...50c
1 lb. of each of these 3 varieties...85c



Early Sunshine.



Sweet Corn—Pop Corn



232. GOLDEN COUNTRY GENTLEMAN—(Golden Colonel 93 days.) Delicious golden yellow, sugar-sweet corn, in prime eating stage, when there is nothing but white corn on the market. A cross between Country Gentleman and Golden Bantam with the late maturity, nectar sweetness, and juicy tenderness of Country Gentleman, plus the deep golden yellow color and delicious flavor of Golden Bantam. The "shoe-peg" kernels are set in zig-zag pattern. Pkt. 5c, 1/2 lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.35, prepaid.—Not prepaid, 15 lbs. at 20c per lb.

234. OREGON EVERGREEN—(87 days.) A medium late variety which has long been a favorite on the Pacific coast. It has recently been found to produce successfully in the Middle West. We ask canners, home and market gardeners to try this corn. Ear: 7 1/2 to 9 inches long, 14 to 18-rowed, medium thick; kernels clear white, medium length, sweet and of good flavor. Stalks: 7 to 7 1/2 feet. Pkt. 5c, 1/2 lb. 15c, lb. 25c, 2 lbs. 45c, 5 lb. \$1.10 prepaid.—Not prepaid, 15 lbs. at 18c per lb.

F. S. & N. Co.

Paid you \$8.40 for 30 lbs. of Minhybrid Corn. Thought I was stung. Planted 4 acres successively. Selling 100 doz. or more a day, for some weeks at 18c and 20c—still going strong. Will snap a good many bushels that got too hard. Fodder heavy and high. Feed short. Selling at \$6.00 per ton standing. Ears are mostly 10 inches or better, and 8 to 10 rows.

F. E. Stranahan,
Ft. Benton, Mont.



"Farigold"—Large, butter-colored kernels of delicious flavor.

252. "FARIGOLD" SOUTH AMERICAN YELLOW—A real Pop Corn sensation—pops the largest kernels of any variety—has a rich golden butter color—very fine flavor—crisp and tender. The ears are much larger than other varieties—7 to 9 inches long and the kernels are golden yellow color. It is the most profitable variety to grow as it produces more bushels per acre on account of its large ears. This Pop Corn is of South American origin. We have successfully matured our own special seed crop here in Minnesota so that the seed we offer will mature earlier. Northern Strain: Pkt. 5c, 1/2 lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.35, prepaid.—Not prepaid 15 lbs. and more at 20c per lb.

248. BURBANK GOLDEN AMBER—A new golden yellow pop corn of exceptional tenderness, surprisingly early and about the finest quality of any butter colored pop corn we have discovered so far. In seasons when all corn carried excess moisture, Burbank was fully matured and in popping condition by November 1. An average ear makes a popper full of the finest flavored corn you ever tasted, and of a golden butter color. Ears average 7 in. long, diameter 1 1/4 in. A most profitable and prolific variety for the Northwest and a popping corn that poppers will be eager to learn about. (See inside back cover.) Price: Pkt. 8c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.60, prepaid.—Not prepaid, 15 lbs. and more at 25c per lb.

242. STOWELL'S EVERGREEN—(90 days.) The most popular late variety of Sweet Corn. Highly desirable for home or market gardening or for canning. Holds its prime condition at eating stage a long time. Ear: 9 inches long, 16 to 20-rowed; kernels clear white, deep medium width, sweet and tender. Stalk: 8 to 10 feet high, sturdy and erect. Pkt. 8c, 1/2 lb., 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.35, prepaid.—Not prepaid, 15 lbs. at 20c per lb.

243. COUNTRY GENTLEMAN—(93 days.) Here is a late, prolific variety of excellent quality, used widely by canners; also very desirable for home and market gardens. Ear: 7 1/4 inches long; kernels very deep, slender, sweet, with tender hull, and set irregularly without row formation. Stalks: 7 1/2 feet high, often bearing 2 ears. Pkt. 8c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.40, prepaid.—Not prepaid, 15 lbs. at 18c per lb.

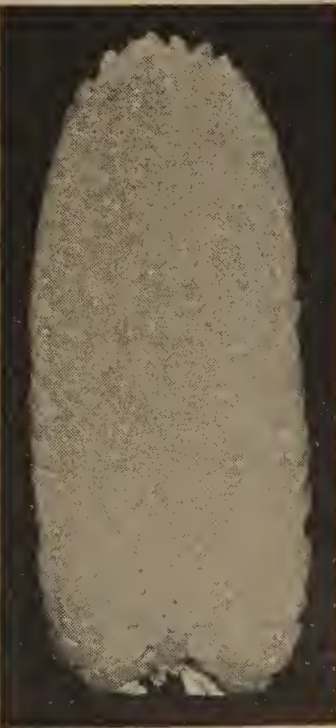
244. GOLDEN CROSS BANTAM—(80 days.) An extra heavy yielding Golden Bantam hybrid favored by the leading canning factories. Famous for its large ears, uniformly filled with tender golden kernels of high sugar content. Well adapted to market growing. Stalk 6 ft. high, ears 8 inches long, 10 to 14 rowed. Pkt. 10c, 1/2 lb. 25c, 1 lb. 40c, 2 lbs. 75c, prepaid.—Not prepaid, 15 lbs. at 25c per lb.

Pop Corn

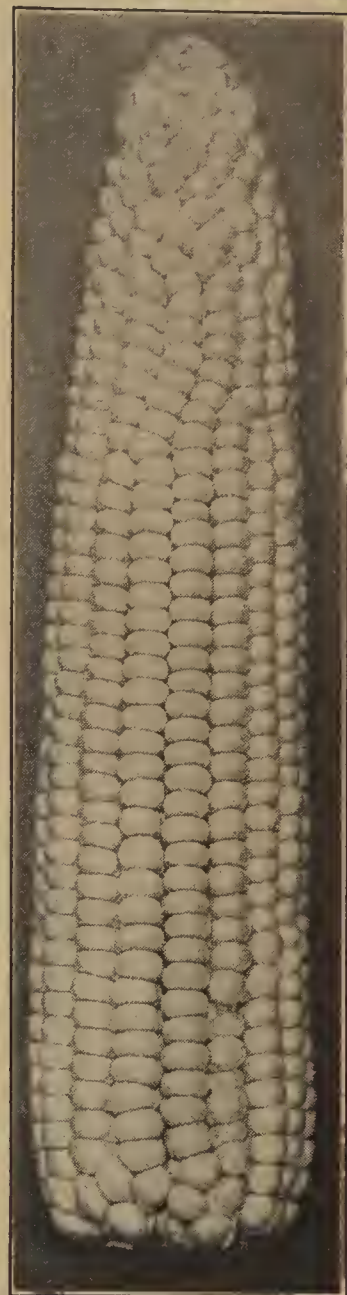
Pop corn is a profitable crop and one that is always easily disposed of, because of the large demand for corn for popping. It yields well even in unfavorable corn seasons. It is an excellent crop for the boys and girls to grow, and yields almost as much good fodder as field corn.

Plant 12 pounds to the acre, in drills, or use 6 pounds if planted in hills. Plant in rows 3 feet apart, dropping the seed 1 1/2 feet apart in the rows. We have discarded all but the outstanding varieties of Pop Corn and proven money-makers. Such old timers as White Rice and White Spanish cannot compete in quality and flavor with the newer introductions.

250. NEW HYBRID JAP HULLESS—Here is the last word in pop corn—the latest triumph of the Minnesota Experiment Station, far surpassing standard Jap Hulless in yield and popping expansion. Minn. Station records over 3 years show 16% greater yield per acre. Its most amazing feature is apparent when the corn is popped, for it expands to a surprising volume (measured at 29% more than ordinary Jap Hulless). This huge popping volume makes this the most highly prized corn for popping and commercial use. We do not hesitate in recommending it as the finest pop corn obtainable from the standpoint of quality, flavor and tenderness. (See note page 8 on saving seed from Hybrid plantings). Seed is exceptionally scarce as this variety has just been introduced. Pkt. 10c, 1/4 lb. 25c, 1/2 lb. 45c, lb. 75c, 5 lbs. \$3.10, prepaid.



New Hybrid Jap Hulless.
(Minhybrid 250)



Stowell's Evergreen—
One of the best late varieties.

249. JAPANESE HULLESS—This dwarf corn is used extensively by pop corn venders. The ears are only 2 to 3 inches long, but every kernel on the cob will pop, so there is no waste. Japanese Hulless Pop Corn is almost again as productive as White Rice. The kernels are longer and more slender, and have no hulls. 2 1/4 oz. pkt. 5c, 1/2 lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.35, prepaid.—Not prepaid, 15 lbs. and more at 20c per lb.

TREAT ALL YOUR SEED CORN

BARBAK III, the super corn seed disinfectant. Four ounces is sufficient to treat two bushels of corn. Increases germination and stand, and insures vigorous seedlings. See page 72 for details. We offer treated Sweet Corn in 5-lb. lots and over at 2c per lb. extra.



TRY THE NEWEST POPPING CORN

Everybody likes Pop Corn—you can't eat too much and it is the least expensive of all confections. Serve pop corn balls, crackerjack, sugar corn, or just well buttered pop corn, and provide a real treat on a few moments notice. We recommend especially "Farigold," Hybrid Japanese Hulless and Burbank Golden Amber.

Farigold Recipe Folder Free.

RAPID FIRE POPPING CORN Not Suitable for Seed

PRICE, NOT PREPAID:	5 lbs.	10 lbs.
"Farigold" So. Amer. Yellow, Southern Grown...	\$0.80	\$1.50
Burbank Golden Amber .....	.80	1.50
Japanese Hulless .....	.70	1.30
New Hybrid Jap Hulless .....	.80	1.50

Postage on 5 lbs. to third zone (300 miles) 17c, on 10 lbs. 27c.

COOL RISP CUCUMBERS for SLICING AND PICKLING

An ounce will plant 50 hills; three pounds per acre.

Note: Days from planting to picking are listed here. The letters W. S. and B. S. indicate the white spined and black spined varieties.

CULTURE—Cucumbers require rich soil. Plant the seed in low, flat hills, 5 to 6 feet apart each way, allowing 12 to 15 seeds per hill. Cover with three-fourths of an inch of finely pulverized soil. Thin out all but 4 or 5 of the strongest vines to a hill.

Pickling Cucumbers

255. F. S. & N. CO'S EARLIEST PICKLING—(53 days.) The finest strain of pickling cucumber. It is early, exceptionally vigorous and hardy, and highly productive. Its quality is unsurpassed. Fruit: 9 inches long, 2½ inches thick, straight, smooth, symmetrical, of dark green color; quality and flavor excellent. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 90c, 2 lbs. \$1.70, prepaid.

257. CHICAGO OR WESTERFIELD PICKLING—(59 days.) B. S. Most widely used of the pickling varieties. Also good for slicing. Fruit: 6½ inches long, 2½ inches thick, medium green, square ended, attractive and prolific. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 90c, 2 lbs. \$1.70, prepaid.

258. EARLY RUSSIAN—(52 days.) The earliest cucumber in cultivation. Can be picked early for bottle cukes or allowed to grow just a few days longer for first early slicers. Very even, smooth, tender, crisp. Hardy and free from disease. Black spines. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00, 2 lbs. \$1.90, postpaid.

260. IMPROVED LONG GREEN

(70 days.) (Black spined.) This is a standard late variety for home garden; excellent for slicing; hardy and prolific. Dependable. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.15, 2 lbs. \$2.15, prepaid.

259. EARLY GREEN CLUSTER—(55 days.) B. S. A small, very early and productive pickling variety, with fruits bunched in clusters of two or three. Fruit: 5¾ inches long, 2½ inches thick; weight 1¼ lbs., chunky, uniform, medium green. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 90c, 2 lbs. \$1.70, prepaid.

261. EVERBEARING—(55 days.) B. S. A small, very early variety used for early pickles. Its outstanding feature is that the vines continue to bear throughout the growing season. Fruit: 4½ inches long, 2 inches thick; weight 1¼ lbs., chunky. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 90c, 2 lbs. \$1.70, prepaid.



"Evergreen"—a most attractive market sort.

267. EXTRA EARLY ARLINGTON WHITE SPINE—(60 days.) This is a dependable old stand-by for the home gardener. It is early, prolific and of good quality. Fruit: 8½ inches long, 2½ inches thick; weight 2 lbs.; semi-blunt ended, medium green. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 90c, 2 lbs. \$1.70, prepaid.

272. THE "VAUGHAN" OR LONG-FELLOW—(70 days.) W. S. Ideal for home garden, forcing or shipping. One of the best long, late varieties. Excellent quality. Perfectly uniform, long, slender shape. Fruit: 12 to 15 inches long, 2¾ inches thick; weight 2¼ lbs., dark green, symmetrical and attractive. Holds color and crispness well after picking. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.35, 2 lbs. \$2.50, prepaid.

256. NEW STRAIGHT EIGHT—All America Gold Medal Award Winner. This new introduction produces symmetrical, almost cylindrical fruit—well rounded at both ends. A White Spine variety running quite straight, regularly 8 inches in length and from 1¾-2 inches in diameter. Color: deep green. A vigorous grower and remarkably productive. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.40, 2 lbs. \$2.60 prepaid.

270. DAVIS PERFECT—(65 days.) W. S. An excellent mid-season variety for shipping or home table use. Splendid quality and appearance. Fruit: 9 to 10 inches long, 2½ inches thick, weight 2 lbs.; dark green, tapered at both ends; flesh crisp and of good quality. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00, 2 lbs. \$1.85, prepaid.

271. EVERGREEN WHITE SPINE—(65 days.) Another excellent variety for home or market gardening, of about mid-season maturity. Similar to Davis Perfect, but larger. Fruit: 10½ inches long, 2½ inches thick; weight 2¼ lbs.; slightly tapered, uniform, dark, shiny green. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00, 2 lbs. \$1.85, prepaid.



"Vaughan"—an extra fancy salad cuke of large size.

F. S. & N. Co.

We had about one and one-third acres in tomatoes. We planted only seeds from the Farmer Seed Company and the praise and compliments that came from our customers were wonderful. I have never beheld such magnificent and prolific tomatoes—the size is enormous. After I sold all I wanted to, I gave the rest away and I could not begin to get rid of them. When it froze there were still about one-half bushel at each plant.

Mrs. Wm. Christoph, Forsyth, Mont.

Read About Master Chicks

Compare our Prices on healthy, husky
Baby Chicks of Proven Quality.
100% Live Delivery
Shipped C. O. D.
See insert in back of catalog.

Crisp LETTUCE

from
YOUR OWN
GARDEN

1 oz. will sow 125 ft. of row; 4 lbs. plant an acre.

Note: The letters B.S. and W.S. refer to the black seeded and white seeded varieties.

Early Loose Leaf Lettuce

CULTURE—Sow as early in spring as the ground can be worked, in rows 12 inches apart; cover seed $\frac{1}{4}$ inch. A rich, sandy loam is best. When plants are 3 or 4 inches tall, thin out to stand 6 inches apart. For early crop, start in hotbed in early March, later transplanting the seedlings to coldframes, or to a sheltered position in the garden. If lettuce is cut above the crown, it will grow new leaves.

325. GRAND RAPIDS—B.S. One of the most popular loose-leaved varieties. Excellent for early planting and greenhouse forcing. It is very early, hardy, and disease resistant and is exceptionally tender when grown under glass. Handsome leaves are light green, broad, wavy, curly and heavily fringed. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.10, 2 lbs. \$2.00, prepaid.

326. BLACK SEEDED SIMPSON—Early and dependable in all parts of America. Popular in many home and market gardens. Plant is large, attractive, compact, non-heading. Leaves are light green, broad and frilled; of fine, crisp texture and quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00, 2 lbs. \$1.90, prepaid.

329. PRIZEHEAD—W.S. A very early, quick growing, non-heading sort, which is rapidly becoming the most popular loose-leaf variety for home gardens. Leaves are broad, crumpled and frilled; outside leaves tinged red, inner leaves wholly green; very crisp, sweet and tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00, 2 lbs. \$1.90, prepaid.

327. SIMPSON'S EARLY CURLED—W.S. The most widely used home garden variety. Early, hardy, dependable. Plant is large, compact, lustrous green, non-heading. Leaves broad, frilled, firm, very crisp and sweet—of excellent quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00, 2 lbs. \$1.90, prepaid.



CRISP-AS-ICE—the ideal salad Head Lettuce.

Crisp Head Lettuce

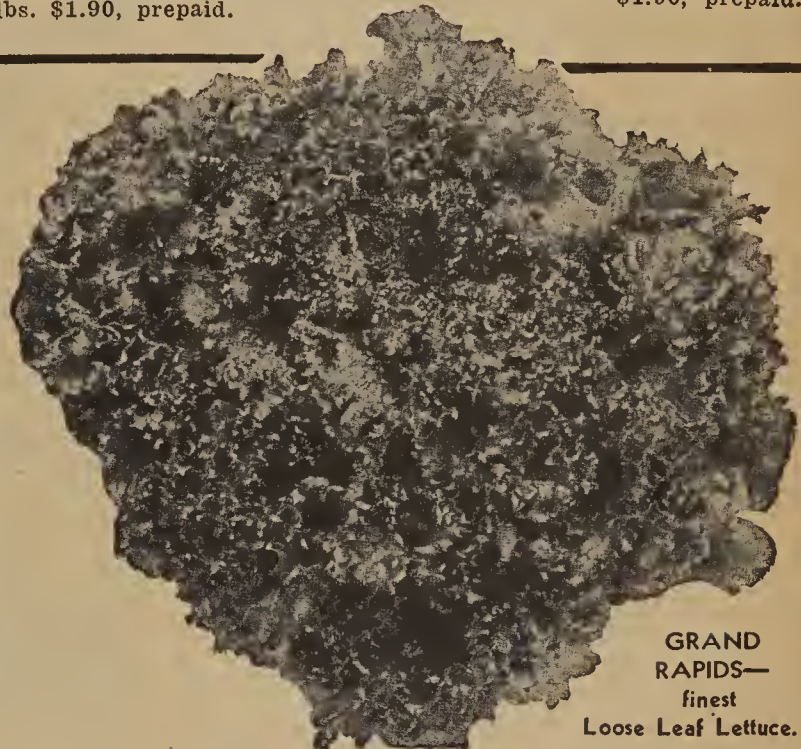
CULTURE—For early crops start seed in March in the hotbed, covering $\frac{1}{4}$ inch. When seedlings are 2 inches tall, transplant to coldframes, setting them 4 inches apart each way. When the ground is warm enough transplant to garden, setting plants 1 foot apart, in rows 12 to 16 inches apart. For general crop, make successive sowings during April and May, thinning plants to proper distance apart. For a fall crop, sow seed in August, to head during the cool weather of September and October.

331. ALL SEASONS—B.S. (75 days.) A highly prized variety for home or market garden. Does well in hot summer weather. Plant is large with medium dark thick leaves and with large, round, firm butter-head which is deep yellow inside and of excellent quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00, 2 lbs. \$1.90, prepaid.

334. MIGNONETTE—B.S. (66 days.) A very early home garden variety. So sweet flavored and tender that it has become very popular. Plant small; leaves much crumpled, frilled, medium brown, with dark greenish tinge. Heads round, hard, with well blanched, creamy white heart of excellent quality. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.10, 2 lbs. \$2.10, prepaid.

332. F. S. & N. CO'S MAY KING—W. S. (61 days.) The earliest heading variety—for the first outside planting. Leaves: light green, tinged with brown. Head: small, compact, with golden yellow interior and buttery flavor; of fine quality. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.15, 2 lbs. \$2.20, prepaid.

335. CRISP-AS-ICE—B.S. (74 days.) A popular sort for the home garden. Forms compact medium-sized head, well blanched and of delicate flavor. Leaves thick and crumpled; deep green overlaid with dark brown, giving a bronze appearance. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.20, 2 lbs. \$2.30, prepaid.



GRAND
RAPIDS—
finest
Loose Leaf Lettuce.

MARKET GROWERS
Ask for Special Price List.

336. HANSON—W.S. (80 days.) Here is a very hardy, sure heading sort for home gardeners or truckers. Can be grown with success anywhere in America, and good for midsummer planting. Plant: very large with broad, curly leaves, fringed at the edges. Head is large, round, hard, white at the heart, tender and sweet. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.15, 2 lbs. \$2.20, prepaid.

338. WONDERFUL, NEW YORK, OR LOS ANGELES—W.S. (80 days.) The outstanding shipping variety, known in all markets. Flavor and tenderness are combined with unusual keeping qualities. Our special strain is noted for the large size of heads. The dark green leaves are slightly curled on the edges. The large, tightly folded cabbage-like head is well blanched, crisp and sweet. Quality is excellent. Pkt. 8c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, 2 lbs. \$2.80, prepaid.

339. BIG BOSTON—W.S. (75 days.) Especially valuable for summer and fall use out-of-doors, and for hotbed and coldframe culture. Good for shipping short distances. Leaves smooth and glossy, with edges wavy and tinged reddish brown. The firm, well folded head, buttery-yellow at the heart, is of excellent quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.15, 2 lbs. \$2.20, prepaid.

340. MIXED LETTUCE SEED—All kinds mixed. If not sown too thickly, will make a continuous crop. The best early and late varieties of curly leaf as well as head lettuce. Pkt. 5c, oz. 8c, $\frac{1}{4}$ lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

341. CHICKEN LETTUCE—Chickens need green food. This lettuce will yield a large amount of greens throughout the season, as it makes successive crops after cutting. Pkt. 5c, oz. 8c, $\frac{1}{4}$ lb. 25c, lb. 85c, 2 lbs. \$1.60, prepaid.

Mushroom Spawn

Mushrooms
from Spawn.



Folder With Full Information
Free.

American Pure Culture—This spawn is obtained by selecting spores from individual specimen mushrooms, and is propagated and transferred to bricks of manure, which will produce mushrooms true to type with exceptional uniformity and regularity. Bricks weigh about $1\frac{1}{2}$ lbs.; a brick will spawn a bed 4 feet square. Pamphlet on mushroom culture with every order.

To grow mushrooms on the lawn, break up the brick of spawn into inch square pieces. Have ready some fresh horse manure, and place a trowel full under the sod at intervals about the lawn. Put a piece of spawn on the manure, and replace the sod. Do this in May. After the warm rains, the lawn will be full of mushrooms.

Price: Brick, 40c, prepaid.—
Not prepaid: 5 bricks, \$1.65;
10 bricks, \$2.75.

RIPE SWEET MUSKMELON *fresh from the Vine!*



HALES BEST—Best for early market.

361. PREMIUM OSAGE—85 days. An excellent Osage melon about 10 days earlier than Golden Osage, slightly smaller and of same fine table quality. Splendid for home garden and for reaching near-by markets early. Fruits: 6 to 7 inches long, almost round. Similar to Golden Osage in all other respects. Pkt. 5c, oz. 12c, ¼ lb. 25c, lb. 85c, 2 lbs. \$1.55, prepaid.

364. HEARTS OF GOLD—95 days. Grown extensively by market gardeners, likewise a good shipping type. Follows the earlier varieties. Quality is splendid. Fruit: 6 inches thick, practically round, weigh 2 lbs., slightly ribbed, covered with fine grey netting. Flesh: very thick, deep pink salmon, tender, juicy, sweet and aromatic. Pkt. 5c, oz. 12c, ¼ lb. 25c, lb. 85c, 2 lbs. \$1.55, prepaid.

369. BENDER'S SURPRISE—90 days. An improved surprise melon which is a splendid shipper and a high quality market melon. Also a favorite of many home gardeners. Fruit: oblong, 8 inches long, 6 inches thick, full rounded ends, weigh 7 lbs., coarse netting, distinctly ribbed; skin hard and greenish yellow at maturity. Flesh: bright salmon, of delicious flavor. Pkt. 5c, oz. 12c, ¼ lb. 25c, lb. 85c, 2 lbs. \$1.55, prepaid.

349. MILWAUKEE MARKET—87 days. A delicious large salmon fleshed sort: slightly oval in shape, heavily netted and with prominent ribs. Uniform as to size and quality. Flesh: salmon colored, thick and firm, and of aromatic flavor. Medium early, producing ripe melons late in August. Pkt. 5c, oz. 12c, ¼ lb. 25c, lb. 85c, 2 lbs. \$1.55, prepaid.

One ounce will plant 60 hills, 2 to 3 pounds per acre.

CULTURE—Muskmelons or cantaloupe require warm, rich soil, slightly sandy. Plant when all danger of frost is past, in hills 6 feet apart each way, 8 to 10 seeds to a hill. Well-rotted manure carefully worked into the soil is beneficial. After danger of insects is past, thin out to 3 or 4 plants to a hill. Cultivate until vines cover the ground, and pinch off the ends of the vines. Give them plenty of moisture. Early melons ripen in 80 to 100 days. General crop, 110 to 140 days.

Orange Fleshed Melons

359. EARLY LAKE CHAMPLAIN—75 to 80 days. Absolutely the earliest of all orange fleshed melons. Fine flavor and quality. A very good early market and home garden variety. Fruit: nearly round, 5 to 6 inches in diameter, slightly ribbed and covered with an open, moderately coarse netting. When fully ripe, fruits show a golden yellow color through the netting. Flesh: fairly thick, deep orange-salmon in color, juicy and very sweet. Pkt. 5c, oz. 12c, ¼ lb. 25c, lb. 90c, 2 lbs. \$1.60, prepaid.

357. SUGAR OR HONEY ROCK—85 days. It is a money-maker and a source of pride for every grower because of its handsome appearance, marvelous and distinctive flavor, and wonderful shipping qualities. Sweet as sugar, solid as a rock and easy to grow. Very popular among home and market growers. Fruit: nearly round, about 6 inches in diameter, weight 4 lbs. Skin grey-green, covered with coarse netting. Flesh: thick, juicy, orange-salmon color, with fine flavor. (See inside back cover.) Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. \$1.00, 2 lbs. \$1.80, prepaid.

358. HALES BEST—80 days. An outstanding early shipping cantaloupe. Flavor and quality excellent, and withstands drought remarkably well. Can be shipped long distances. Fruit: oval, 6½ inches long, almost devoid of ribbing, covered with heavy netting. Flesh: extremely thick, salmon-orange color, sweet and of fine quality. Pkt. 5c, oz. 12c, ¼ lb. 25c, lb. 90c, 2 lbs. 1.60, prepaid.

360. GOLDEN OSAGE—95 days. Excellent for home and local market garden use; not a good shipper, but a heavy yielder of exquisite flavored melons. Fruit: oblong, 8 inches long, weigh 6 lbs.; exterior very dark green, deeply ribbed, covered with slightly grey netting. Flesh: very thick, deep pink salmon color; fine grained, juicy and sweet. Pkt. 5c, oz. 12c, ¼ lb. 25c, lb. 90c, 2 lbs. \$1.60, prepaid.



GOLDEN OSAGE—of delicious flavor.

Special All-Season Collection

A Collection that will keep you supplied with luscious Muskmelons all season long. The cream of all varieties for home garden.

One packet each of the following:

Lake Champlain—Extra early.

Golden Osage—Medium.

New Sugar Rock—Main crop.

The 3 packets, all prepaid for..... 12c

Green Fleshed Melons

350. MINNESOTA MELTING SUGAR—86 days. The sweetest richest flavored of all green-fleshed muskmelons. Fruit: oval in form, distinctly ribbed and heavily netted. Flesh: very firm, of green color, exceptionally sweet, sugary, juicy and tender, with rich aromatic flavor. Vines yield an abundant crop of uniform sized melons, early in season. Pkt. 5c, oz. 12c, ¼ lb. 25c, lb. 85c, 2 lbs. \$1.55, prepaid.

F. S. & N. Co.

I sold 90% of my Northern Sweet Watermelons at the farm, and did not have to take them to the market at all. These melons sell themselves. My neighbor sold \$500.00 worth from one acre of Northern Sweet.

F. M. Lane,
Minneapolis, Minn.

MUSTARD

315. FORDHOOK FANCY

—A handsome, mild variety, slow to bolt seed stalks; leaves bright green, plume-like, with fringed edges. Delicious as a salad, or cut and boiled like spinach. The reddish-brown seed is used for flavoring and in pickles. Pkt. 5, oz. 10c, ¼ lb. 20c, lb. 65c, prepaid.

PEPPER GRASS or CRESS

295. FINE CURLED—Crisp, pungent leaves, finely cut and curled, dwarf and compact. Used mostly for garnishing and as a condiment. Pkt. 5c, oz. 10c, ¼ lb. 25c, prepaid.



MINNESOTA MELTING SUGAR—Best of the green sorts.

Best Watermelons FOR THE North

One ounce will plant 30 hills; sow 4 to 5 pounds per acre.

CULTURE—The best soil for growing watermelons is light, rich, and sandy. When the ground is thoroughly warm, and all danger of frost is past, drop 8 to 10 seeds in hills 8 to 10 feet apart, covering the seed about an inch. When the plants begin to run to vines, thin out all but the 3 strongest plants in each hill. Hoe often and thoroughly.

NEWEST Watermelon Sensation!

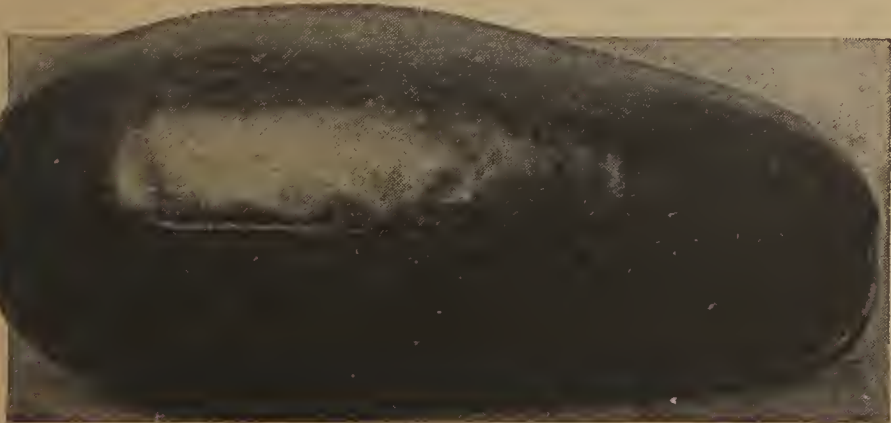


(See inside back cover)

374. EARLY NORTHERN SWEET—Here's the newest thing in watermelons for the North. Introduced by Minn. Experiment Station, and the seed was originally brought in from Russia. This amazing melon ripens in 9 to 10 weeks from planting. Of an attractive green color, striped with lighter green. Flesh is dark red and tender, with a rich sugary flavor. Weighs 9 to 10 lbs. Splendid for early market or home garden. It is important that melons be picked as soon as they ripen, otherwise flesh tends to become slightly stringy. Pkt. 10c, oz. 25c, 1/4 lb. 80c, 1/2 lb. \$1.50, 1 lb. \$2.75, prepaid.

10c per Packet prepaid

372. EARLY KLONDIKE—(80 to 82 days.) An early type melon very popular with the home gardener and also highly desirable for shipping. In eating quality it has no equal. Fruit: weight 20 to 25 lbs., oblong, slightly tapering to blossom end; medium sized with slight ribs. Rind medium hard. Flesh: bright deep red, tender and very sweet. Seeds small, black and white. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 40c, 1 lb. 70c, prepaid.



EARLY KLONDIKE—finest eating quality obtainable.

370. COLE'S EARLY—(75 to 80 days.) A leading first early variety for home garden and truckers to local markets; reasonably productive, and particularly desirable for the Northwest as it matures in a short season. Fruit: weight 20 lbs., medium size, short, oval, with alternate light and dark green stripes; tender rind. Flesh: pink-red, of good flavor; seeds black. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 40c, 1 lb. 70c, prepaid.

371. EARLY ROUND LIGHT ICING—(85 days.) A very productive mid-season melon of excellent quality. Adapted to home or market gardens in the Northwest. Fruit: weight 20 lbs., oval round, very uniform, light green, with indistinct veining of darker green. Rind thin and tender. Flesh: light red, of excellent quality; seeds white. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 45c, 1 lb. 80c, prepaid.

375. ICE CREAM OR PEERLESS—(80 to 85 days.) An early sort, well adapted to home gardens and roadside market growers in the North, but not a good shipper. Quality and flavor are splendid. Fruit: weight 20 to 25 lbs., short, oblong, medium green, with fine veining. Rind: thin, tender. Flesh: bright red, very sweet. Seeds white. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 40c, 1 lb. 70c, prepaid.

382. NEW WINTER MELON—(78 days.) Here's a sweet luscious watermelon for your Thanksgiving dinner, from your own garden. An early sort, very prolific and an excellent shipper. This melon will keep 2 months after picking if properly stored. Fruit: small, weight 10 lbs., round, pale yellow when ripening. Flesh: bright red, crystalline, very sweet. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 40c, 1 lb. 70c, prepaid.

385. GOLDEN HONEY—(88 to 90 days.) An excellent home garden or local market melon with amber-yellow flesh that is so sweet, crisp and glistening it fairly melts in your mouth. Fruit: medium size, weight 20 lbs., chunky, nearly round, light green with mottled darker green stripes; rind brittle. Flesh: amber-yellow, crisp and delicious, free from stringy sections. Seeds brown. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 40c, 1 lb. 70c, prepaid.

390. CITRON—For making preserves. Flesh: clear white and solid. Fruit: round and smooth, quite small. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1 lb. 75c, prepaid.



COLE'S EARLY Largest Quality Melon for the North.

376. STONE MOUNTAIN—(90 days.) A high quality shipping variety, recently introduced, and already popular in northern markets; also highly desirable for garden planting. A rare combination of large size, good shipping qualities, and mid-season maturity. Fruit: very large, weight 30 to 50 lbs., oval-round with blunt ends; dark green with tough rind. Flesh: rich scarlet, fine grained and sweet. Seeds white with black tips. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 45c, 1 lb. 80c, prepaid.

386. EARLIEST AND SWEETEST—(75 days.) A fine early home garden melon, perfectly adapted to the short growing seasons of the Northwest. Fruit: medium size, weight 10 to 15 lbs., oblong shape, rind mottled with several shades of green. Flesh: scarlet, of extra fineness and sweetness. Entirely free from stringiness. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 40c, 1 lb. 70c, prepaid.

388. MIXED WATERMELON—For those wishing an assortment of watermelons, we have put up a special mixture containing our best and most popular varieties. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1 lb. 50c, prepaid.

383. KLECKLEY'S SWEET—(85 days.) A splendid medium early variety, especially desirable for home garden use and for truckers serving local markets. It will not stand long distance shipping. A melon of outstanding quality and unusual sweetness. Fruit: large, weight 30 to 40 lbs., cylindrical dark bluish green, with thin tender rind. Flesh: bright red, tender and extremely sweet. Seeds white. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 40c, 1 lb. 70c, prepaid.



KLECKLEY'S SWEET, a delicious medium early Melon.

Okra or Gumbo

The young seed pods of this plant are used for the well known and delicious gumbo soups. Plant in spring as soon as danger of frost is past. Cultivate the same as corn.

215. WHITE VELVET—Height 3 1/2 feet; long white pods. Pkt. 5c, oz. 15c, 1/4 lb. 30c, 1 lb. 75c, prepaid.

217. DWARF GREEN—Grows low, is very productive. Pkt. 5c, oz. 15c, 1/4 lb. 30c, 1 lb. 75c, prepaid.

Southport
Yellow Globe.

An attractive
"best seller."

DEPENDABLE ONION SEED

One ounce will sow 100 feet of drill; 5 pounds per acre.

CULTURE—The soil should be very carefully prepared for onions. The richer the soil, the better the crop will be. Plenty of fertilizer and wood ashes, well spaded in, are essential. Sow the seed as early as the ground can be worked, in rows 15 to 18 inches apart, covering $\frac{1}{2}$ inch deep. When the seedlings are 3 or 4 inches tall, they should be thinned out to stand 3 inches apart in the row. Keep them free from weeds and hoe often.

Pull the onions when the tops die down, dry them off, and store for winter use in a cool, dry place.

The Globe onions are the best keepers, and the best winter onions. White onions are of milder flavor than the red and yellow, therefore, most desirable for the table. Prizetaker, Silver King, and Sweet Spanish are the mildest of all. Prizetaker, Mountain Danvers and Yellow Globe onions, being very mild and also excellent keepers, are the best to grow for the home garden. Barletta and Silver-skin are grown largely for pickles, and White Welsh for "green" onions.

The best market gardeners depend on these strains for better profits.

Early White Onions for Bunching or Pickling

409. EXTRA EARLY BARLETTA—An exceptionally early sort, very popular for pickling and green bunching. Bulbs: small, flat, pure white, of mild sweet flavor. Pkt. 5c, oz. 12c, $\frac{1}{4}$ lb. 45c, lb. \$1.65, prepaid.

410. EARLY WHITE WELSH—A hardy perennial, used exclusively for green bunching onions. This variety does not produce bulbs, but provides a good crop of the finest green onions for the market early in spring, in advance of those from sets. They may be left in the ground for years. Seed may be sown in August and September for extra early crop in spring. Pkt. 5c, oz. 12c, $\frac{1}{4}$ lb. 45c, lb. \$1.65, prepaid.

411. WHITE PORTUGAL OR SILVER-SKIN—(Medium Early.) The most widely used white onion. It might be called an all-purpose variety, as it is excellent for sets, as a pickler, for green bunching and for storage. Bulbs: medium size, thick-flat, clear white, hard, fine grained and of pleasing flavor. It is a dependable cropper. Pkt. 5c, oz. 12c, $\frac{1}{4}$ lb. 45c, lb. \$1.65, 2 lbs. \$3.10, prepaid.

415. EARLY WHITE BUNCHING ONION—(Annual.) Here's an exceptionally early green bunching onion. An annual which forms small bulbs for green table onions—of real quality and mild flavor. Used by leading gardeners for reaching the early market. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.70, 2 lbs. \$3.20, prepaid.

Large - White - Mild Onions
for table slicing—Page 15 ➔

414. MIXED ONION SEED—This mixture contains seed of all varieties, Globe, Wethersfield, early and late, and "green" onions. It is fine for the small garden, as it will furnish a supply of onions all summer and for winter storage. Also recommended for growing sets. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.25, 2 lbs. \$2.30, prepaid.

Long-keeping Yellow Onions

397. MINNESOTA SOUTHPORT YELLOW GLOBE—(Late.) A very handsome golden yellow globe of good size and mild flavor, which is very popular on the market. It is a good cropper, medium late, hardy, and possesses excellent storage qualities. Bulbs: medium large, round, yellow, firm and solid. Flesh: white with slight yellow tone. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.85, 2 lbs. \$3.50, prepaid.

399. MOUNTAIN DANVERS—(Early.) This strain is commanding a lot of attention as it is the earliest yellow globe variety and was developed in the mile-high regions of Colorado. It remains firm and usable much longer than any other variety—its color is a fine golden yellow—flavor is mild, and its earliness and long-keeping qualities make Mountain Danvers most suitable for marketing and a profitable variety to grow. Bulbs: three-quarter globe shape, slightly flattened at the base, dark yellow, very hard and thick skinned. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.75, 2 lbs. \$3.30, prepaid.

407. YELLOW GLOBE DANVERS—(Medium Early.) A popular, hardy strain of Yellow Globe. It is fairly early and a good cropper. Used extensively for storage. Bulbs: medium large, round, yellow, firm and solid. Flesh: fine grained, creamy white, crisp, mild and of excellent flavor. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 55c, lb. \$1.85, 2 lbs. \$3.50, prepaid.

Strong-flavored Red Onions

395. FARIBAULT RED GLOBE—(Late.) The finest red onion. We offer our special strain of Red Globe produced by years of careful breeding. The perfect globe type is thoroughly established in this variety, resulting in bulbs of the most uniform shape and attractive appearance. They are highly productive and fine keepers. Bulbs: perfectly round, of good size, with small neck and thick, deep purplish red skin. Flesh: white, tinged with pink, of strong flavor. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.75, 2 lbs. \$3.30, prepaid.

403. LARGE RED WETHERSFIELD—(Late.) One of the most extensively grown large red onions. A heavy yielder and a splendid keeper. Used extensively for sets and for storage. Bulbs: medium large, flat on the bottom with sloping top; purplish red. Flesh: fine grained, firm, slightly flushed with pink. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.75, 2 lbs. \$3.30, prepaid.



Giant Chinese "One-A-Meal."

GIANT CHINESE GREEN ONION

400. "ONE-A-MEAL"

A remarkable green onion of splendid quality. (A perennial.) The striking and attractive white stems grow to the enormous size of 25 to 30 inches in length with $2\frac{1}{2}$ -inch diameter, weighing over 3 pounds, on a single stalk. The white part grows very long and straight without the knob. They have a very mild flavor and attain a good marketable size very quickly and need no bunching. Sell at top price for early market. They grow where any green onion can be grown. Pkt. 10c, oz. 70c, $\frac{1}{4}$ lb. \$2.60, prepaid.

Packet
ppd. for 10c

Yellow Globe
Danvers—
a good
keeper.



ONION --- Seed, Sets, Plants

SWEET SPANISH
sweetest - flavored
slicing sort.

Large, Mild Onions for Slicing

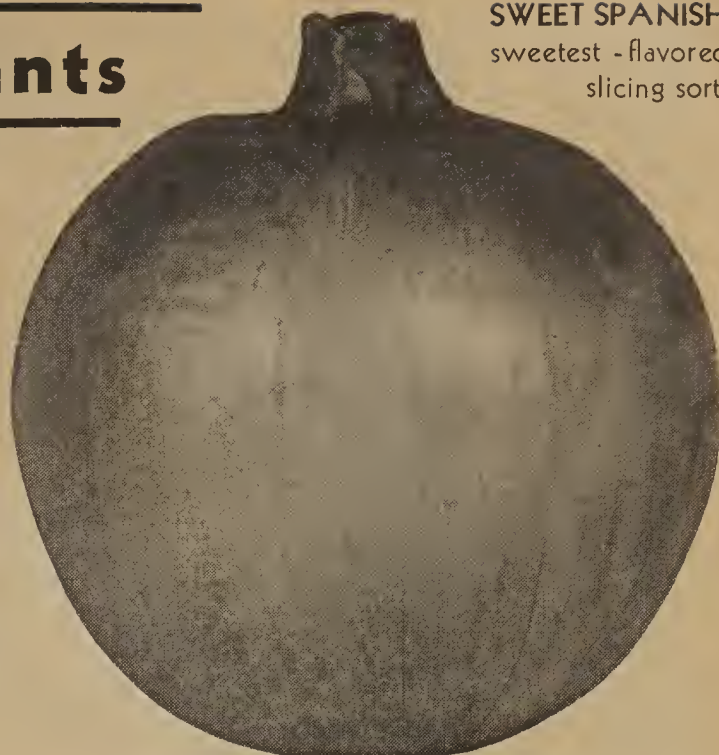
398. MINNESOTA SOUTHPORT WHITE GLOBE—(Late.) This is the finest of all white sorts. Its unusually handsome appearance brings a premium on all markets. It keeps well in fall storage. To get fine white onions, great care should be exercised in harvesting the crop. Pull as soon as they are ripe enough to harvest and dry in an airy, shady place. Bulbs: round, medium sized, solid, pure white, very attractive, skin thin and delicate. Flesh: waxy white, fine grained and mild. Pkt. 5c, oz. 15c, ¼ lb. 60c, lb. \$2.00, 2 lbs. \$3.90, prepaid.

405. WHITE BERMUDA OR CRYSTAL WAX—An excellent onion for home garden. Beautiful in appearance, both skin and flesh being a clear delicate white. Bulbs: very flat, medium sized, clear white; of mild delicate flavor. Pkt. 5c, oz. 15c, ¼ lb. 55c, lb. \$1.85, 2 lbs. \$3.50, prepaid.

406. PRIZETAKER—This onion is outstanding because of its great size and splendid quality. It is similar in type to the large Spanish onions. Our special strain is exceptionally productive. It is a very popular shipping sort. Bulbs: large, globe shape; skin thin and glossy, of straw color; flavor mild. Pkt. 5c, oz. 15c, ¼ lb. 55c, lb. \$1.85, 2 lbs. \$3.50, prepaid.

412. SWEET SPANISH OR VALENCIA—Here's a most attractive onion that deserves a place in every garden. It is about the mildest onion in cultivation, a product of old Spain, now acclimated to our growing conditions. In appearance it greatly resembles the Prizetaker, with a skin of bright golden straw color. However it is even larger than Prizetaker, and for table slicing it rivals the Bermuda—it may be eaten like an apple. Very prolific and desirable for shipping and fall storage—a money maker for market gardeners. Bulb: very large, globular with golden yellow skin; flesh white, very mild and of pleasing flavor. Pkt. 5c, oz. 15c, ¼ lb. 60c, lb. \$2.00, 2 lbs. \$3.80, prepaid.

408. MAMMOTH SILVER KING—(Early.) A large imported variety valuable for early market and of excellent table quality. Bulbs: deep and flat, pure white and exceptionally mild. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.75, 2 lbs. \$3.30, prepaid.



GARLIC BULBS FOR PLANTING

Produces fine, solid, white bulbs in clusters. Used for flavoring sausages, soups, salads. Easily grown. Choice bulbs for planting. ½ lb. 25c, lb. 40c, prepaid.—Not prepaid, 5 lbs. \$1.50.

Grow "green onions" from our Onion Sets for your earliest garden crop

32 lbs. equal 1 bushel. One lb. of sets will plant 25 feet of row or 12 bu. will plant an acre.

Onion sets are planted for onions for early spring use. A pound or two is sufficient for the average family garden. They produce green or bunch onions in half the time it takes to raise these from seed, and can be planted before it is safe to plant anything else.

For larger quantities than 1 lb., add postage.

WHITE BOTTOM SETS—Price: Lb. 32c, prepaid.—Not prepaid, 4 lbs. 65c, pk. \$1.15, bu. \$4.10.

YELLOW BOTTOM SETS—The onions commonly planted in the home garden for early green onions, also for later use. Price: Lb. 30c, ppd.—Not ppd., 4 lbs. 65c, pk. \$1.10, bu. \$3.85.

RED BOTTOM SETS—Produce onions of excellent keeping quality and strong flavor. Price: Lb. 30c, prepaid.—Not prepaid, 4 lbs. 65c, pk. \$1.10, bu. \$3.85.



F. S. & N. Co's White Bottom Sets.

EGYPTIAN PERENNIAL SETS—A hardy variety that may be planted either in spring or fall. They require no attention, spread rapidly, and make the first green onions for the table in spring. Price: Lb. 30c, prepaid.—Not prepaid, 4 lbs. 60c, pk. (7 lbs.) \$1.00, bu. (28 lbs.) \$3.25.

YELLOW MULTIPLIERS—Price: Lb. 30c, prepaid.—Not prepaid, 4 lbs. 70c.

JAPANESE OR EBENEZER ONION SETS—In shape and color, this variety resembles Yellow Globe Danvers, but it generally produces 50% more onions per acre. Its great superiority over other onions is the big yields, long-keeping quality, and freedom from going to seed. Japanese sets produce marketable onions in June and July, long before any others are ready. Price: Lb. 30c, prepaid.—Not prepaid, 4 lbs. 65c, pk. \$1.10, bu. \$3.85.

PRIZETAKER
the extra-large,
mild, slicing onion.

Try Bermuda Onion Plants for early creaming or slicing

Grow your own first young table onions from Bermuda Onion plants. The plants are grown in Texas from the finest strains of Onion Seed. They are grown outdoors during the winter, and are subjected to cold, ice and snow. They will produce onions two weeks ahead of those raised from seed, and are just about as cheap.

They are perfectly hardy, easy to grow and produce the finest mild-flavored young onions in the shortest possible time. We ship them in bundles of 75 to 100 plants, all ready to set out, guaranteed to reach you in proper growing condition. Use them as green onions, or let them develop to creaming size. If allowed to continue growing they will develop good-sized bulbs. Orders will be shipped at proper time for setting out. Set out 100,000 plants per acre.

We can usually supply the following varieties: Yellow Bermuda, Crystal Wax, Prizetaker and Valencia, but in case of shortage we reserve the right to send the varieties available when order reaches us. We prepay to 3rd zone only (300 miles). Beyond that at customers' risk.

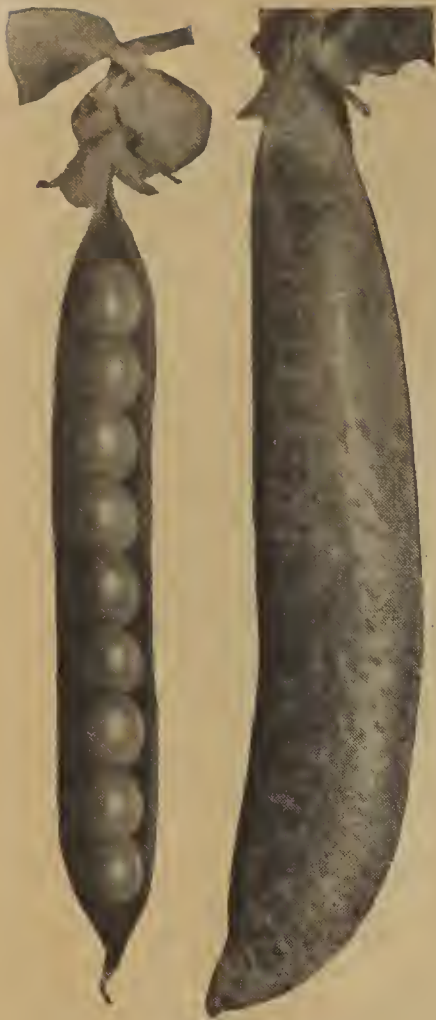
Price: 2 bundles 30c, 5 bundles 60c, 10 bundles \$1.00, prepaid.—Not prepaid, case of 60 bundles \$3.25. (Weight 35 lbs.)



ORDER BERMUDA PLANTS BEFORE MAY 1ST

150 to 200 Plants for
30c postpaid

Thin Out the LITTLE ONIONS and Use Them as GREEN ONIONS for the Table



Laxton's Progress.



Northern Grown PEAS



YOUNG GARDEN-FRESH PEAS ARE LUSCIOUS, SWEET AND TENDER

One pound will plant 100 feet of drill.

CULTURE—Garden Peas do best in light, rich soil, and are quite hardy, requiring fairly cool weather. The extra early varieties can be sown just as soon as the ground can be worked, early in April here. Sow in rows 24 to 26 inches apart, covering the seed about 2 inches deep. The tall varieties should be supported with brush, or twine and light stakes.

Extra Early Peas

448. EXTRA EARLY EIGHT WEEKS—(56 days.) (Semi-wrinkled.) This is the earliest sort in common use. A splendid variety to produce the first home garden peas on the family dinner table. Vines: 13 inches high, very dwarf, slender. Pods: 3 inches long, dark green, contain 7 to 9 peas of exceptional quality when picked young. Seeds: small, grey green, dimpled. Pkt. 8c, 1/2 lb. 20c, 1 lb. 35c, 2 lbs. 65c, 5 lbs. \$1.20, prepaid.—Not prepaid, 15 lbs. at 18c per lb.

447. EARLY ALASKA—(55 days.) (Smooth seeded.) The first early variety for market gardeners. Also very extensively used for canning. Crop matures evenly. Our strain is noted for its pod size and productivity. Vines: 30 inches long. Pods: light green, round, contain 6 to 8 peas of good quality. Seeds: small, round, smooth, bluish green. Pkt. 5c, 1/2 lb. 15c, 1 lb. 25c, 2 lbs. 45c, 5 lbs. \$1.00, prepaid.—Not prepaid, 15 lbs. at 16c per lb.

Early Wrinkled Peas

471. LITTLE MARVEL—(60 days.) Outstanding among the older varieties of dwarf peas, Little Marvel continues to be extensively used on account of its exceptional quality and yield. Valuable for home garden and early shipping. Vines: 18 inches high. Pods: 3 inches long, plump, well filled with 7 to 8 tender peas. Seeds: light green, squarish, wrinkled. Pkt. 8c, 1/2 lb. 20c, 1 lb. 35c, 2 lbs. 65c, 5 lbs. \$1.20, prepaid.—Not prepaid, 15 lbs. at 18c per lb.

472. AMERICAN WONDER—(58 days.) Our stock of this old popular pea is the true extra-dwarf, early strain. Well suited to home gardening and highly productive. Vines: 12 to 14 inches high, dark green. Pods: 2 3/4 inches long and filled with 6 peas. Seeds: wrinkled, square, green. Pkt. 8c, 1/2 lb. 18c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. \$1.10, prepaid.—Not prepaid, 15 lbs. at 17c per lb.

460. THOMAS LAXTON—(58 days.) A popular early variety highly prized by shippers and canners. Quality and yield are excellent. Vines: 33 inches high, medium green and heavy. Pods: 3 3/4 inches long, plump, broad; contain 7 to 8 large tender peas of good quality. Seeds: cream and green, wrinkled. Pkt. 8c, 1/2 lb. 18c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. \$1.10, prepaid.—Not prepaid, 15 lbs. at 17c per lb.

461. LAXTON'S PROGRESS—(60 days.) The largest podded and most attractive of the Laxtonian family. A good sort for shipping to distant markets, also for home and market garden planting. Of fine quality and abundant yield. Vines: 17 inches high, medium dark green. Pods: 4 1/4 inches long, dark green, handsome; contain 7 to 9 large peas of good quality. Seeds: large, wrinkled, cream with green color. Pkt. 8c, 1/2 lb. 18c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. \$1.10, prepaid.—Not prepaid, 15 lbs. at 17c per lb.

470. GIANT LAXTONIAN—(60 days.) Here is the best known of the early, dwarf, large podded sorts. Used largely for home gardens and by truckers and shippers. Our featured strain has exceptionally large pods. Vines: 18 inches high, dark green; "top off" well at maturity. Pods: 4 1/2 inches long, broad, dark green, contain 7 to 8 large succulent peas. Seeds: yellow and green, wrinkled. Pkt. 8c, 1/2 lb. 20c, 1 lb. 35c, 2 lbs. 65c, 5 lbs. \$1.20, prepaid.—Not prepaid, 15 lbs. at 18c per lb.



LITTLE MARVEL

The Finest low-growing early pea of delicious flavor and an extra heavy bearer.

473. NOTT'S EXCELSIOR—(59 days.) Similar to American Wonder but with taller vine and slightly larger pod. Vines: 16 inches high. Pods: 3 inches long, round, plump, light green, well filled with 6 to 7 medium size, tender peas. Seeds: wrinkled, square, light green. Pkt. 8c, 1/2 lb. 18c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. \$1.10, prepaid.—Not prepaid, 15 lbs. at 17c per lb.

474. PREMIUM GEM—(63 days.) A highly productive, medium early variety good for home gardening and for canning. Vines: 20 inches high, dark green. Pods: 2 3/4 inches long, light green, contain 6 to 7 peas. Seeds: wrinkled, green. Pkt. 5c, 1/2 lb. 18c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. \$1.10, prepaid.—Not prepaid, 15 lbs. at 17c per lb.

No. 510

"All Season" Collection of Garden Peas

FRESH PEAS ALL SUMMER—We have selected varieties which will mature in succession, and furnish a continuous supply of delicious peas. We know they will more than please you.

EXTRA EARLY EIGHT WEEKS—Best extra early pea (56 days).

LITTLE MARVEL—Medium early. Very delicious (60 days).

POTLATCH—Late. Never disappoints (78 days).

1 Mammoth Pkt. of each	17c	1/2 Lb. of each	45c	1 Lb. of each	75c
All prepaid.					

USE McQUEEN'S INOCULANT!

Peas grow bigger and better when "inoculated." Our inoculant contains billions of bacteria which help draw nitrogen plant food from the air. Recommended by all authorities.

All Prepaid.

Garden size pkt. for 5 lbs. of seed . . . 15c
Market size pkt. for 15 lbs. of seed . . . 25c



Giant Laxtonian—
a large podded early sort.

Peas and Peppers

459. GRADUS OR PROSPERITY—(65 days.) A popular medium-early, large podded variety for home gardens and market gardeners. Vines: 36 inches high. Pods: 4 inches long, plump, contain 8 to 10 large, sweet, delicious peas. Seed: large wrinkled, cream and green. Pkt. 8c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.10, prepaid.—Not prepaid, 15 lbs. at 17c per lb.

480. POTLATCH OR BIG DINNER—(See inside back cover.) (78 days.) One of the very finest late varieties for home garden and for shipping to distant markets. Potlatch is famous for its heavy yield of immense pods bearing many large luscious peas of delicious flavor. Vines: 26 inches high, deep green. Pods: 4½ inches long, ⅞ inch wide; contain 8 to 10 tender, succulent peas. Seeds: large, wrinkled, green. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.10, prepaid.—Not prepaid, 15 lbs. at 17c per lb.

475. TENDER GIANT—(See color illustration on front cover.) (73 days.) A medium late variety of recent introduction of excellent quality and a dependable cropper, large podded, maturing after the early dwarf varieties and before the other large podded main crop sorts. It therefore fills a definite gap for either market or home garden. Its sweetness and quality cannot be improved upon. New Tender Giant has found nation-wide favor as a canning pea. Vines: 27 inches high with heavy stem and foliage. Pods: 4 inches long, straight, attractive; contain 6 to 8 large tender peas. Seeds: large, green, wrinkled. Pkt. 8c, ½ lb. 22c, lb. 40c, 2 lbs. 70c, 5 lbs. \$1.20, prepaid.—Not prepaid, 15 lbs. at 18c per lb.



California Wonder—bright glossy red, sweet and mild.

HOW TO GROW BIG PEPPERS

One ounce of seed for 1,000 to 1,500 plants. ¼ pound to transplant one acre.

Sow seed in flats, or in the hotbed in March, and transplant seedlings, when 3 or 4 inches high to other flats or to paper pots. About the last of May, transplant to the garden, in rich, well-prepared soil, setting the plants in rows 3 feet apart, 20 inches apart in rows.

NOTE.—The time from setting out plants to marketable condition is indicated here.

436. CALIFORNIA WONDER—(73 days.) An outstanding medium late variety for market gardening and shipping. Plants: vigorous, upright prolific. Fruits: 4½ inches long, 4 inches thick; 4-lobed, chunky, very attractive, smooth, uniform and deep green—changing to bright crimson; flesh thicker than any other variety, sweet and mild. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25, prepaid.

486. DWARF TELEPHONE OR DAISY—(75 days.) A late, large-podded, highly-productive sort for home garden and truckers. A good shipper and resistant to Fusarium wilt. Our strain is unsurpassed in size and appearance of pods. Vines: 22 inches high. Pods: 4½ inches long, broad, pointed and attractive; contain 8 to 10 peas of excellent quality. Seeds: large, wrinkled, bluish-green. Pkt. 8c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.10, prepaid.—Not prepaid, 15 lbs. at 17c per lb.

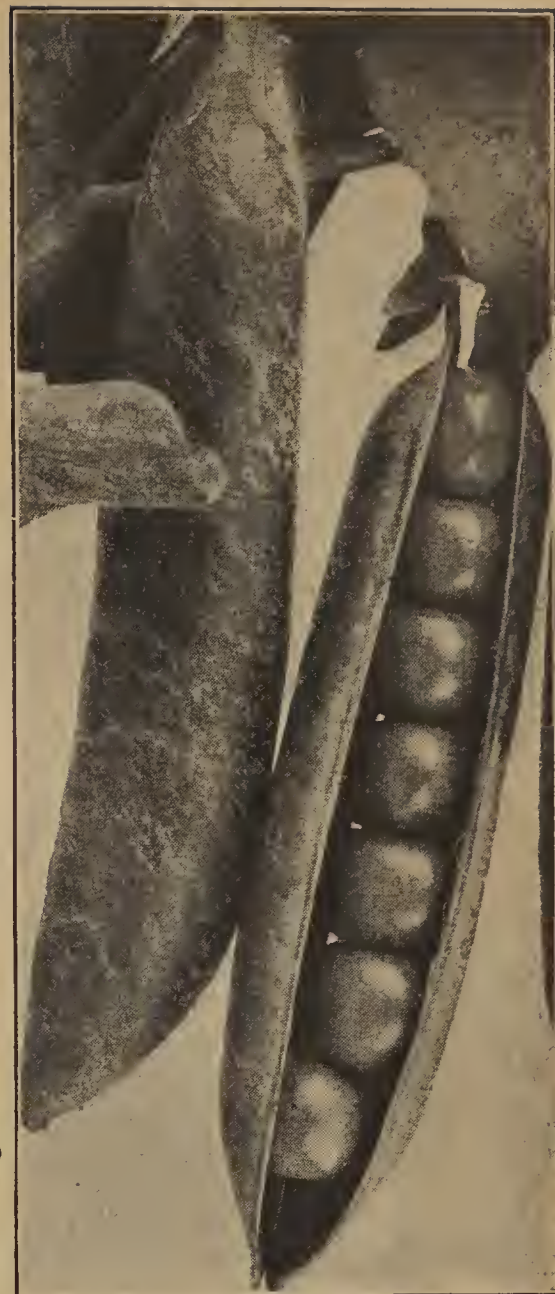
492. DWARF SUGAR—(68 days.) (Eat pod and all!) A prolific home garden variety with an edible pod and also resistant to Fusarium wilt. Delicious if cooked when young the same as string beans—without shelling. Very sweet and tender. Vines 28 inches high, slender and wiry, with purple blossoms. Pods: 3 inches long, heavily curved, strongly indented between the peas. Seed: small, mottled, grey, round, smooth. Pkt. 8c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.10, prepaid.—Not prepaid, 15 lbs. at 17c per lb.

484. EVERBEARING—(74 days.) An extra long bearing period makes this a popular variety. Everbearing is resistant to Fusarium wilt, and is noted for its quality. Vines: 32 inches high. Pods: 4 inches long, plump; contain 4 to 5 large peas of sweet marrowy flavor. Seeds: very large, light green, flat, wrinkled. Pkt. 8c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.10, prepaid.—Not prepaid, 15 lbs. at 17c per lb.

Tall Growing Peas For Main Crop

505. TALL TELEPHONE—(73 days.) A standard mid-season variety. Produces an abundant yield of immense pods filled with large tender peas of excellent flavor and quality. Vines: 45 inches high, dark green. Pods: 5 inches long, plump. Seeds: large, wrinkled, light green. Pkt. 8c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.10, prepaid.—Not prepaid, 15 lbs. at 17c per lb.

506. CHAMPION OF ENGLAND—(79 days.) A well known late variety. A great climber and heavy yielder. Vines: 54 to 60 inches high. Pods: 3 inches long, plump; contain 7 to 8 peas of good quality. Seeds: large, wrinkled, light green. Pkt. 8c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.10, prepaid.—Not prepaid, 15 lbs. at 17c per lb.



Potlatch—bears immense luscious peas.

501. QUITE CONTENT—(74 days.) We receive more enthusiastic reports on Quite Content than on all other tall peas. It has immense pods, filled with extra large, quality peas. Vines: 45 inches high. Pods: 4¾ inches long; contain 8 to 9 large, tender peas. Seeds: wrinkled, large, green. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.20, prepaid.—Not prepaid, 15 lbs. at 18c per lb.

PEPPERS - for salads, pickling or seasoning

One ounce of seed for 1,000 to 1,500 plants. ¼ lb. to transplant one acre.

432. KING OF THE NORTH—The newest and best early large Pepper especially valuable in northern states. Fruits are enormous in size and color up a brilliant red much earlier than any other large sort. They average 6 inches long, 4 inches across. The flesh is thick, firm, very sweet and mild. Plants are literally covered with large peppers. Often one plant will have 8 to 10 mature fruits. Pkt. 10c, ½ oz. 35c, oz. 60c, ¼ lb. \$2.25, prepaid.

434. HARRIS EARLY GIANT—(63 days.) An excellent first early sweet variety, for home and market garden use. Fruits resemble Bull Nose in form. Plants: dwarf, upright, very productive. Fruits: 4½ inches long, 3½ inches thick; gently tapered, 3-lobed, of sweet mild flavor; deep green changing to bright red. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25, prepaid.

442. RUBY KING—(68 days.) Excellent for home and market gardening, also for shipping. Plants: medium dwarf, erect, vigorous, and very productive. Fruits: 5 inches long, 3 inches thick; tapering, dark green changing to ruby red at maturity. Flesh: thick, mild and sweet. Pkt. 5c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.10, prepaid.

433. HUNGARIAN YELLOW WAX (HOT)—(65 days.) Also called Banana and Bulgarian Yellow. An extremely hot, long, slender Pepper of a bright waxy yellow color. The fruits are pointed and from 5½ to 7 inches long. The plants produce abundantly. A special favorite with many people because of its pungency. A profitable market sort. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.60, prepaid.

437. LARGE BELL OR BULL NOSE—(58 days.) A popular early sweet variety. The first on the early market. Plants: small, erect, prolific. Fruits: 3 inches long, 2¾ inches thick; blunt, deep green—changing to scarlet red; sweet, mild in flavor. Pkt. 5c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.10, prepaid.

441. PIMIENTO OR PERFECTION—(73 days.) Pre-eminently a canning variety; also excellent for home or market garden planting. Plants: large, erect, prolific. Fruits: 3½ inches long, 2½ inches thick; heart shaped, very smooth; color dark green, changing to bright crimson; flesh thick, sweet and mild. Pkt. 5c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00, prepaid.

Parsley, Parsnip, Peanuts and Pumpkin



Decorative Moss Curled Parsley.

Parsley

One ounce will sow 150 feet of drill.

CULTURE—Parsley is indispensable for flavoring and for garnishing. The seed germinates slowly, in 2 or 3 weeks and therefore should be soaked in warm water for a few hours before planting. Sow early in spring, $\frac{1}{2}$ inch deep. When plants are of good size, thin to stand 8 inches apart in the rows. In the fall, a few plants may be set into pots, and taken indoors.

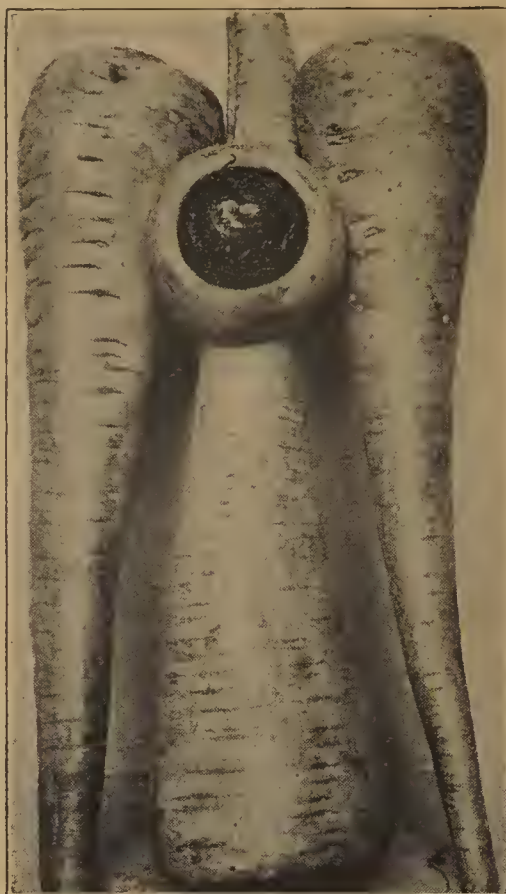
430. MOSS CURLED—A compact growing, finely cut and densely curled variety of a deep green color. Owing to its fine color and handsome foliage, it is most popular. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. 90c, prepaid.

431. HAMBURG OR THICK ROOTED.

—The root is the edible portion of this variety and resembles a small parsnip, both in color and shape. Flesh white, a little dry, having a flavor similar to celeriac. Very hardy. Is cultivated like parsnip. Foliage same as Plain Parsley. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. 90c, ppd.

Rhubarb Roots SEE PAGE 25

COME
TO US
FOR
THE
NEWEST
VARIETIES



Parsnip Hollow Crown—fine flavored.

Parsnip

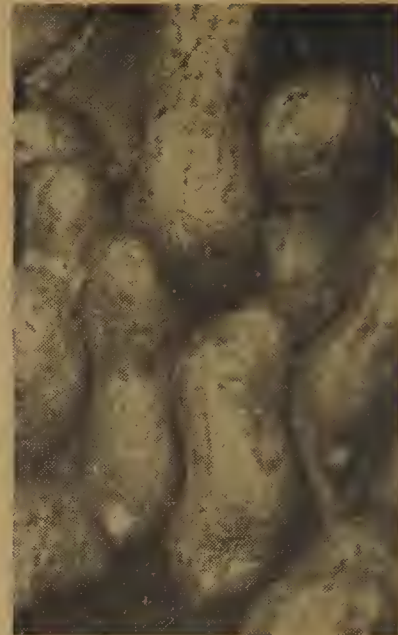
1 oz. for 200 feet of drill. 5-6 lbs. for an acre.

One of our most valuable root vegetables, because of its rich sweet flavor and high food value. Frost improves the flavor, and parsnips can be left in the ground all winter, to be harvested in spring when fresh vegetables are scarcest. Seed germinates slowly, and may be sown early in drills. Thin the plants to stand 4 or 5 inches apart.

426. HOLLOW CROWN OR GUERNSEY—A great cropper; tender, sugary and considered the best for general cultivation. Pkt. 5c, oz. 8c, $\frac{1}{4}$ lb. 20c, lb. 75c, prepaid.

427. IDEAL—Roots not as long as Hollow Crown, but are thicker and more easily gathered. They are very smooth and have fine grained flesh of excellent quality. Pkt. 5c, oz. 8c, $\frac{1}{4}$ lb. 20c, lb. 75c, prepaid.

ONLY THE
VERY BEST
TESTED
VARIETIES
ARE
RECOM-
MENDED



Large Virginia Peanuts.

Peanuts

CULTURE—Peanuts require about the same care, and the planting season is the same as for corn. The shells must be removed before planting. Pods are borne beneath the ground. Peanuts are an interesting crop for children to grow.

514. EARLY SPANISH—The earliest variety, and best for the North. Plants are upright and compact, with small pods and nuts of fine flavor. Large pkt. 8c, $\frac{1}{2}$ lb. 20c, lb. 35c, prepaid.—Not prepaid, 5 lbs. \$1.10.

515. LARGE VIRGINIA—The main crop peanut, and the most extensively grown. Plants are erect, and of vigorous, rapid growth, with very large pods and nuts. Fine for dry, sandy soil. Large pkt. 8c, $\frac{1}{2}$ lb. 20c, lb. 35c, prepaid.—Not prepaid, 5 lbs. for \$1.10.

Rhubarb or Pie Plant

CULTURE—Sow in spring in drills, cover one inch. Thin plants to six inches apart. Transplant in fall to permanent beds.

581. RED WINE—Larger than the average, a good seller in all markets; of excellent quality. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00, prepaid.

Minnesota Grown Pumpkin Seed

565. SUGAR PIE—(75 days.) Most desirable for pies. Very fine grained, sweet and a splendid winter keeper. Fruits: 10 inches thick, weight 6 to 8 lbs.; skin hard, smooth, somewhat ribbed, deep orange. Flesh: thick, sweet, orange-yellow, and of high quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c, prepaid.—Not prepaid, 5 lbs. \$2.25.

572. CONNECTICUT FIELD—(Matures in 110 days.) Extensively grown for making pies, for canning and for stock feed; usually planted in cornfields. Also known as the large cheese pumpkin. Very productive and of good quality. Fruits: 12 to 15 inches thick, weight 15 to 25 lbs., large, flattened at the ends. Surface hard, smooth, somewhat ribbed, deep orange in color; flesh thick, orange yellow, coarse and sweet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c, prepaid.—Not prepaid, 5 lbs. \$2.00, 10 lbs. \$3.75.

573. KENTUCKY FIELD—(Matures in 110 days.) Widely used for canning and for stock feeding. Hardy and productive. Fruits: 12 to 14 inches thick, weight 10 to 15 lbs., large, slightly ribbed, not fixed in shape, some being flat, others globular and elongated; color, dull orange. Flesh: deep yellow, coarse and of good flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c, prepaid.—Not prepaid, 5 lbs. \$2.00.

1 oz. for 25 hills, 4 lbs. per acre.
Plant like squash, 3 or 4 seeds per hill and thin to 1 plant per hill.



Sugar Pie—a delicious baking Pumpkin.

574. MAMMOTH KING OR JUMBO—(Matures in 120 days.) The largest of all pumpkins. Valuable for stock feeding and exhibition purposes. Fruits: 20 to 24 inches in diameter, weight 60 to 90 lbs., very large, globular, slightly ribbed, flattened; skin light yellow, mottled with yellow and frequently slightly netted. Flesh: solid, coarse, but of fair quality. Pkt. 8c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.40, prepaid.

576. PRIZE COLLECTION MIXTURE—A mixture of the best varieties described above, all shapes and sizes, large and small. This collection is sure to please and give surprising results. Just the thing for growing varieties to exhibit at county or state fairs. There is bound to be a prize winner. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c, prepaid.—Not ppd. 5 lbs. \$1.80.

Husky, Healthy
MASTER CHICKS
AT LOWEST PRICES

Shipped C. O. D. 100% Live Delivery
SEE INSERT IN BACK OF CATALOG



MINNESOTA GROWN SEED POTATOES

"WHITE GOLD" THE EXTRA EARLY WHITE POTATO

Ten days to two weeks earlier to market frequently means the difference between a decent profit and a possible loss. White Gold Potato growers in hundreds of letters tell of their wonderful success and fine profits. The chief reason was because White Gold Potatoes were ready two weeks earlier than Cobblers, Triumphs or Early Ohios.

White Gold Potatoes were developed from a Potato seedling, by George Kremer of Itasca County, Minnesota. For six years the seedlings were carefully selected and increased before the new Potato was introduced. It has the size and shape of the Green Mountain, though the eyes are shallow and it is of slightly netted appearance. The yields compare favorably with the late varieties such as Carmans and Rural New Yorkers. The outstanding features, however, are its earliness, good size and big yields. White Golds will keep in storage better than many late varieties.

Buy the Originator's Strain to Save Disappointment.

Our seed supply was grown from the originator's own seed stock, which we secured for exclusive distribution and the seed supply is again limited. Ten lbs. \$1.00, postpaid to 3rd zone. See Blue Figure Price List for quotations on larger quantities.

White Golds Have Brought Big Profits on the Early Market.

BIG PROFITS IN NEW VARIETIES

Quality potatoes always bring a good price. The old standard varieties must give way to better quality disease-free tubers. It pays to keep pace with progress. Only the best introductions by State Experiment Stations and the Department of Agriculture are featured by us, after careful trials. Our advice is to change your seed frequently.

ORDER EARLY—POTATO CROP EXTREMELY SHORT

U. S. DEPT. OF AGRICULTURE'S NEW CHIPPEWA (Certified)

(See back cover)

Chippewa is the most recent introduction by the Department of Agriculture, and resembles Katahdin in many respects, though differs somewhat in shape, the tubers being slightly longer in relation to their width. It is considerably earlier than the Katahdin and somewhat earlier than Green Mountain. For this reason it is especially well adapted for the Northwest. In all tests the yields have been higher than other late varieties like Rural New Yorker, Carman, Katahdin or Green Mountain.

Since this potato matures ahead of most all other late varieties, it promises to become the most popular storage potato and will replace many of the old-timers. The tubers are smooth, regular in outline, with very shallow eyes. It is an excellent cooker and shows a high degree of resistance to mild Mosaic.

We predict a great future for this potato and advise our friends to get a start this season. The seed supply is still limited and we suggest ordering early.

Price: 10 lbs. \$1.00, prepaid to 3rd zone. See Blue Figure Price List for quotations on larger quantities.

NEW KATAHDIN The Long-Keeping Potato

Originated by the U. S. Department of Agriculture and promising to become the outstanding Late Potato for market or storage. It was originated in Maine, by double crossing unnamed seedlings of Rural New Yorker No. 2 and Aroostook Wonder parentage. It was bred for disease resistance, quality and yield. During the eight years it was under observation, it has been entirely free from mild Mosaic. In yields it has constantly surpassed Rural New Yorker or Green Mountain. The tubers are short, elliptical to roundish and have very shallow eyes.

Emphasis is laid on the high yield and small percentage of culls. It is well adapted for growing on muck and peat soils though not so well to poor soils or where summer drought is likely to occur. The vines are vigorous and light green in color. They mature late, though the tubers set fairly early, which is an advantage.

The secretary of the Iowa Vegetable Growers Assn. remarked that this new potato may replace the Rural as it is smoother and peels with less tare. In shape, it is nearly a ball.

Uncle Sam spent about \$250,000.00 in developing it and Extension Horticulturist Fitch, of the Iowa station, enthusiastically suggests it should pay the nation many times that in larger yields to farmers.

Price: 10 lbs. 85c, prepaid to 3rd zone. See Blue Figure Price List for quotations on larger quantities.

FREE—ILLUSTRATED CIRCULAR DESCRIBING 5 NEWEST POTATO VARIETIES.

Read These Letters

Nephi, Utah

F. S. & N. CO.

I have had wonderful luck with your seeds this past season. The White Gold Potatoes yielded 450 bushels per acre with no rain all summer. The Silo Corn is all the rage here. I like good seed and to deal with a reliable company like yours.

Sidney Scott.

Bellevue, Neb.

F. S. & N. CO.

I have been looking for potatoes like I wanted, for 31 years, but could not find them until now. About 31 or 32 years ago I raised potatoes which tasted like White Gold, but I lost the seed. I never tasted potatoes like those again until we got your White Gold Potatoes. I hope to raise some prize winners. Henry A. Cassler.

THE NEW WARBA (Certified)

NOW REPLACING THE TRIUMPH.

After a 5-year test, the Minnesota Agricultural Experiment Station introduced a valuable new early potato—a cross of a selected seedling and Bliss Triumph. It resembles Bliss Triumph, though is larger in size—a bigger yielder, has white crisp flesh and is exceptionally quick maturing. Its season is 7 to 10 days earlier than Bliss Triumph or Early Ohio. The vines are upright, sturdy and resistant to mild Mosaic. Tubers are short, round, blocky, white with pink eyes and uniform in size, with few culls.



The New Warba.

Price: 10 lbs. 85c, prepaid to 3rd zone. See Blue Figure Price List for quotations on larger quantities.

EARLY OHIO

This old favorite is a heavy yielder, producing 150 to 250 bus. per acre, tubers being of even size, medium to large, oval in shape, very smooth, with shallow eyes. Early Ohios always bring a high market price, and though very early, they keep well. The flesh is white, firm, fine grained, and of excellent flavor. The cooking and baking qualities are unsurpassed. Price: 10 lbs. for 65c prepaid to 3rd zone.

EARLY IRISH COBLER

Another extra fine early potato, and one that is not easily affected by blight and insects. The tubers are nearly round, with prominent ridges at ends, causing uneven surface, and slightly flattened, rather blocky shape. The skin is white, well netted, with eyes of medium depth and number. It is a fine flavored potato and a heavy yielder. Price: 10 lbs. for 65c prepaid to 3rd zone. See Blue Figure Price List.

NEW GOLDEN The Record Yielder

Here is the biggest yielder of all new introductions, a golden fleshed variety—also introduced by the Department of Agriculture, from South American stock. This potato contains vitamin A and is of very highest cooking quality. Tubers are dark cream buff color—smooth with medium shallow eyes. Medium size roundish—flesh pale yellow. In yield tests the New Golden topped them all, producing as high as 535 bushels per acre. Order early as a very limited amount of seed is available. Price: 6 lbs. \$1.00, prepaid to 3rd zone.

Use Semesan Bel for Treating Potatoes. Potato diseases cause a loss equivalent to the yield of 1 acre in every 5 or 6 acres planted. Much of this loss can be prevented by treating seed before planting with Semesan Bel, the instantaneous dip disinfectant. Effective in controlling such seed-borne diseases as scab, rhizoctonia and black leg. Improves germination and usually produces a bigger crop of better quality. One pound treats 70 to 80 bushels of seed. Prices: 4 ozs. 50c prepaid, 1 lb. \$1.60, 5 lbs. \$6.75, 25 lbs. \$31.00, not prepaid. Pamphlet free.

**CRISP
HOME -
GROWN**

Radishes

**READY TO EAT
IN
3 TO 4 WEEKS**

One ounce will sow 100 feet of drill, 9 to 10 pounds per acre.

CULTURE OF RADISHES—For first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season, for succession. A warm, sandy loam is the best. Sow in drills 10 to 12 inches apart.

Radishes contain valuable vitamins. Sow round or globe varieties for the first crop. Long types do not grow so fast, and endure more heat.

Wormy radishes cannot be controlled by spraying. Do not sow radishes in the same spot year after year.

528. NEW GLOWING BALL RADISH

—An All America Gold Medal Winner. (See Color Illustration Inside Back Cover.) A round, short top radish, fiery bright scarlet with almost an orange glow. Its unusual color never fails to attract attention on the market. Smooth silky skin, ball shaped, one inch or less in diameter, spicily flavored, very early. Pkt. 8c, oz. 15c, ¼ lb. 30c, lb. \$1.00, prepaid.

540. CRIMSON GIANT—(28 days.) A deservedly favorite variety for home gardeners and truckers. Very handsome in appearance and quality is unsurpassed, in spite of its immense size. Roots: 1 to 1½ inches in diameter, very large, globular, deep, crimson in color. The white flesh holds its firmness well and is of superior quality. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.



French Breakfast is most attractive.



White Icicle—extra early.

MARKET

GROWERS

ASK FOR

SPECIAL

PRICE LIST.

534. NEW "COMET" RADISH—Another All America Winner. A crisp, tender, snappy radish of bright scarlet color and globe to olive shape. Unusual in that it matures very early, yet attains a large size before becoming pithy. Remains crisp, sound and in prime eating condition a very long time. Ideal for forcing, home gardens or market. Pkt. 8c, oz. 15c, ¼ lb. 30c, lb. \$1.10, prepaid.

531. FIRECRACKER—(22 days.) Here is the sensational new radish that hundreds of our customers have been asking for. This year we were fortunate in securing a limited amount of seed from Holland. It is a distinct type of long scarlet Radish of vivid scarlet color and cylindrical shape with slender taproot—fully as early as Saxa or Scarlet Globe and remains in prime condition for a much longer time. (See inside front cover.) Pkt. 8c, oz. 15c, ¼ lb. 30c, lb. 95c, 2 lbs. \$1.80, prepaid.



Red Sparkler; White Tip—sells on sight.

529. SPARKLER—(25 days.) Similar to Scarlet Turnip White Tip, but with larger white area. Popular with market gardeners. Roots: round, smooth, dull scarlet-red, one-third white. Flesh: white, crisp and tender. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

538. FRENCH BREAKFAST—(25 days.) An early market and home garden sort, with small top. Develops best under glass. It sells readily on the market because of its fine quality and handsome appearance. Roots: ¾ inch thick, 1½ inches long; oblong, dull scarlet with white tip. Flesh: white and crisp. Should be pulled at first maturity. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

F. S. & N. Co.

I find your Firecracker Radish the best I ever planted. From ¼ pound I have sold over \$10.00 worth of bunched, and am still bunching a few every day.

Chas. R. Mathews,
Fenton, Mich., R. 1.

White Radishes

546. WHITE ICICLE—(27 days.) Flesh remains crisp and tender until roots attain large size. Roots: 6 inches long, slender, tapering at the tip, very white. Flesh: clear white, brittle and of mild, inviting flavor. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

547. WHITE STRASBURG—(39 days.) Popular with eastern market gardeners for summer use. Continues in marketable condition longer than most varieties. Roots: 5 inches long, 1½ inches thick at shoulder, tapering and smooth. Skin and flesh: white, crisp and slightly pungent. Pkt. 8c, oz. 12c, ¼ lb. 25c, lb. 85c, 2 lbs. \$1.60, prepaid.



Early Saxa—for earliest bunching.

530. EARLY SAXA—(22 days.) The earliest radish of all. Principally a forcing sort, but also used for out-of-door planting. Tops very small. Roots: ¾ inch diameter, small, spherical, bright scarlet in color. Flesh: white, crisp and mild. Earliest for market. Pkt. 8c, oz. 12c, ¼ lb. 25c, lb. 85c, 2 lbs. \$1.60, prepaid.

535. IMPROVED EARLY SCARLET GLOBE—(24 days.) Here is the leading variety for market gardeners. Very popular because its excellent quality is combined with very early maturity. Roots: globular, very slightly elongated, with small top; bright scarlet, crisp, tender and of fine quality. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

525. EARLY SCARLET TURNIP—(26 days.) An early variety with small top, well adapted to field culture and forcing. Excellent quality. Roots: 1 inch diameter, round, slightly flattened with small taproot; dark scarlet-red. Flesh: pinkish white, crisp and tender. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

526. EARLY SCARLET TURNIP WHITE TIP—(26 days.) An attractive sort, extensively used by truckers, and in home gardens. Should be pulled when they are 1 to 1½ inches in diameter. Roots: 1 to 1½ inch diameter, nearly round, with small taproots; carmine-red, with small white tip. Flesh: white, crisp and mild. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

542. MIXED RADISHES—This mixture contains early, summer and winter varieties; all kinds, colors and shapes, a large assortment, ready for the table, early, medium and late. You always have some that are just right, sweet, tender and juicy. This mixture is for a small garden, where space is limited and one sowing does for the whole season. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c, 2 lbs. \$1.10, prepaid.

Winter Radishes

555. CALIFORNIA WHITE MAMMOTH—(60 days.) Roots: 8 inches long, 2 inches thick; cylindrical and thickest at lower end. Flesh: white, crisp and not pungent. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

558. ROSE CHINA—(52 days.) Roots: 6 inches long, 2 inches thick, cylindrical, but thicker at lower end; blunt, smooth, bright rose-red in color. Flesh: white, very firm and pungent. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

559. LONG BLACK SPANISH—(58 days.) Roots: 9 inches long, 2½ inches thick; cylindrical, slightly tapered at tip; skin black and wrinkled. Flesh: white, solid, pungent. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

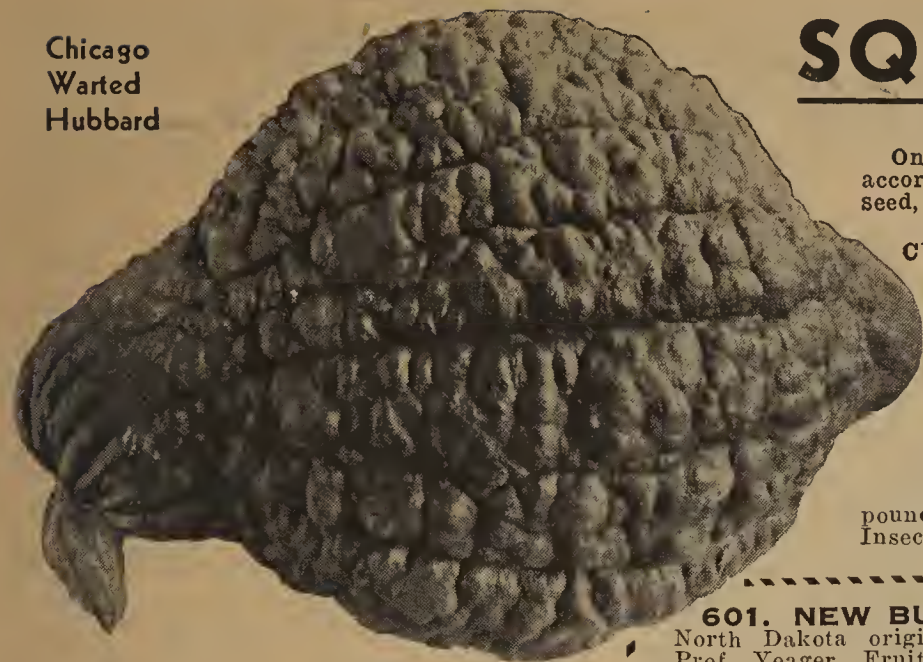
560. ROUND BLACK SPANISH—(56 days.) Roots: top shaped—3 to 4 inches thick, otherwise similar to Long Black Spanish. An excellent keeper. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

Chicago
Warted
Hubbard

SQUASH for keeping and baking

One ounce of seed to 50 hills, according to the size of the seed, 3-4 lbs. in hills per acre.

CULTURE—Plant seed in extra fertile soil when danger of frost is past. The vining varieties should be planted in hills 8 or 10 feet apart each way, and the bush varieties from 4 to 5 feet. For running varieties, use $3\frac{1}{2}$ to 4 pounds of seed per acre; bush varieties require 6 pounds of seed per acre. For Insecticides see page 73.



598. CHICAGO WARTED HUBBARD—(110 days.) A very prolific good keeping sort, somewhat larger than the original Hubbard, and more thickly covered with warts. Excellent flavor and quality. Fruits: 14 inches long, 10 inch diameter; weight 14 lbs., pointed at each end, very dark green. Flesh: deep orange-yellow, dry and sweet. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.10, prepaid.

600. GOLDEN HUBBARD—(100 days.) Similar to Green Hubbard, but earlier, smaller and more prolific. Fruit: 11 inches long, 9 inch diameter; weight 10 lbs., somewhat pointed at each end, moderately warted, orange-red, with faint cream colored stripes toward blossom end. Flesh: deep orange, dry and of fine quality; it keeps well. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.20, prepaid.

607. KITCHENETTE—(100 days.) A new Dwarf Hubbard, from the Minnesota Experiment Station that combines the better qualities of several varieties. Has the size of the Table Queen, the delightful flavor of the Delicious, keeping qualities and yield of Hubbard. Weight: 5 to 7 lbs. Quality is splendid—cooks up mealy and dry, with a delicious nutty flavor. Just the right size for average family use. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25, prepaid.

601. NEW BUTTERCUP—A North Dakota origination, developed by Prof. Yeager. Fruits weigh 3 to 5 lbs. and have a tough thin green skin. Flesh: deep rich orange untinged with green. There is no fibrous section and this squash is an excellent keeper, with little waste or shrinkage. It is acorn shaped.



The flavor is similar to sweet potato, with smooth texture; cooks dry and is coming into great popular favor. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 70c, prepaid. Seed crop very short again this year. (See color illustration, inside front cover.)

Trial Packet 10c

595. GIANT YELLOW SUMMER CROOKNECK—(55 days.) Highly desirable for truckers, shippers and home gardeners. Fruit: $9\frac{1}{2}$ inches long, 4 inch diameter; weight 3 lbs., curved at neck, light yellow at early eating stage, and covered with warts. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00, prepaid.

603. DELICIOUS—(102 days.) A very popular winter sort. No other squash compares with it in richness of flavor. An excellent keeper. Fruit: 11 inches long, 8 inch diameter; weight 7 to 8 lbs.; top shaped. Skin dark green with light green stripes toward the blossom end. Flesh: orange, dry, and of good flavor. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.20, prepaid.

599. IMPROVED GREEN HUBBARD—(105 days.) A standard winter sort for home or market. Fruit: 12 inches long, 9 inch diameter; weight 12 lbs., pointed at both ends, slightly warted, dark bronze green in color; rind hard and tough. Flesh: very thick, orange-yellow, dry and sweet. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.10, prepaid.

605. TABLE QUEEN—(58 days.) An early maturing variety, trailing in habit and of exceptional flavor and quality. Very desirable for home or market garden use and for shipping. Fruit: 6 inches long, $4\frac{1}{2}$ inches diameter; weight $1\frac{1}{2}$ lbs., acorn shaped, ribbed, smooth, thin shelled, dark green. Flesh: light yellow, bakes well, with inviting flavor. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.20, prepaid.

602. MAMMOTH CHILI—(100 days.) The giant among squashes, grown for exhibition purposes and stock feeding. A prolific sort. Fruit: 25 inches long, 18 inch diameter; weight 80 to 150 lbs., oblong, pointed; skin mottled orange and yellow. Flesh: thick and coarse. Pkt. 8c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.50, prepaid.

596. LONG COCOZELLE—(65 days.) An early summer squash of the popular "Zeppelin" shape. Sells on sight because of its handsome appearance. Long, smooth, dark green with lighter green stripes which change to deep yellow when ripe. Fruits are 18 inches long, 5 inches thick, weigh 4 lbs. Flesh: greenish white, firm and tasty. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.10, prepaid.

Salsify or Vegetable Oyster

An ounce of seed will sow 120 feet of drill.

A wholesome and delicious vegetable, with mild oyster-like flavor when boiled. The roots may be cooked with a cream sauce, or sliced and fried and make delicious soup. Sow in deep drills, in light rich soil, very early. The roots are perfectly hardy, and may remain in the ground all winter.

592. MAMMOTH SANDWICH ISLAND—An improved variety with roots 6 to 8 inches long, 1 to $1\frac{1}{2}$ inches thick, tapering, smooth, dull white. Plants $3\frac{1}{2}$ feet tall. Pkt. 8c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.10, prepaid.

583. MATADOR OR GIANT NOBLE—(45 days.) Very valuable for market or home garden. Plants are large, vigorous and spreading; leaves huge, thick, smooth and tender; color deep green. It is slow to form seed stalks and an extremely heavy yielder. The best of the Giant Thick Leaved sorts for spring and summer. Pkt. 5c, $\frac{1}{4}$ lb. 15c, lb. 45c, 2 lbs. 85c, prepaid.

586. BLOOMSDALE SAVOY LEAVED—(39 days.) A very early, vigorous variety, desirable for home gardens, for shipping to distant markets and for canning. Plants erect in growth, hardy and attractive. Leaves large, crumpled, somewhat blistered; dark glossy green. Seeds fairly early. Pkt. 5c, $\frac{1}{4}$ lb. 15c, lb. 45c, 2 lbs. 85c, prepaid.

Eat More
Home-Grown

Spinach

One ounce plants
100 foot row.

584. KING OF DENMARK SPINACH—(45 days.) Highly desirable for canning and for market gardens. Large, spreading plants carry broad, rounded, very dark green leaves which are somewhat crumpled. Excellent for spring planting as it is slow to go to seed. Very hardy and of good quality. Pkt. 8c, $\frac{1}{4}$ lb. 17c, lb. 55c, 2 lbs. 95c, prepaid. See inside front cover.

582. NEW VIKING—An All America Winner. Developed in Holland. A highly-prized variety for home garden or market. A very vigorous grower. Plant is large, producing huge, semi-crinkled, dark green leaves. Exceptionally long standing and of splendid table quality. Pkt. 5c, $\frac{1}{4}$ lb. 17c, lb. 50c, 2 lbs. 90c, prepaid.

589. NEW ZEALAND—(70 days.) Native of New Zealand—quite distinct from other varieties of Spinach, it thrives in hot dry weather. The large spreading plants have small, thick pointed deep green leaves, which can be picked repeatedly throughout the season. Soak seed in hot water for several hours before planting. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 70c, lb. \$1.30, prepaid.

CULTURE—Succeeds best on rich, well drained soil. Sow early in spring, one inch deep, in rows 12 to 15 inches apart. For succession sow every two weeks until June.



Spinach Beet
or Swiss
Chard
on Page 4.

New Viking Spinach—tender, succulent, of delicious flavor.

Luscious~Wholesome Tomatoes Should be in every Garden



New,
Early
"PENN
STATE"—
an attractive
All-America Winner.

1 oz. for 2000 plants— $\frac{1}{4}$ lb. to transplant one acre.

CULTURE—The time from setting out plants to marketable stage is listed here. For early plants, sow the seed in flats or hotbeds, in March. Cover with soil to a depth of one-half inch. The seed germinates in 6 to 12 days. When the plants are 3 inches high, transplant them to other flats, or preferably to paper pots, giving each plant 4 inches of room. About the end of May, set the plants out in the garden, 3 feet apart each way. Water well and cultivate often, as long as the vines permit. It is always better to stake the vines and tie them up, pinching off some of the stems as the plants will bear more abundantly.

TOMATO
PLANTS
ON
PAGE
25.

PROTECT TOMATOES from CUTWORMS

Use Minnesota Veneer Plant Guards
Described on Page 28.

636. CRIMSON CUSHION OR BEEF-STEAK—(90 days.) Very large, round, and uniform, bright scarlet in color. Flesh is solid and meaty, of deliciously mild flavor, with only a few small seed cells. The vines grow from 8 to 10 feet high, and may be trained or tied to a trellis, forming a most ornamental fence for the vegetable garden. If planted early, Beef-steak will ripen by the middle of July, and continue to bear until killed by frost. Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.25, prepaid.

628. JOHN BAER—(70 days.) Here is an excellent early sort maturing between Earliana and Bonny Best. Excellent for local market gardening and canning. We have an exceptionally early strain. Fruit: medium sized, semi-globular, very attractive, bright scarlet red, smooth and firm. Vine: of medium height and open growth. Pkt. 5c, $\frac{1}{2}$ oz. 15c, oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.75, prepaid.

653. GROUND CHERRY OR HUSK TOMATO—(86 days.) This is not a true tomato. Used as a novelty and for preserves. Flavor is outstanding. Excellent in combination with oranges, lemons or ginger. Fruit: small, yellow, round, enclosed in a loose, papery husk. Of delicate flavor. Vine: spreading and flat. Pkt. 5c, $\frac{1}{2}$ oz. 20c, oz. 30c, $\frac{1}{4}$ lb. 90c, prepaid.

626. F. S. & N. CO'S STONE—(85 days.) More widely used than any other dwarf variety. Popular with canners and market growers everywhere. Fruit: large, globular, flattened, exceptionally attractive, bright red in color and quite solid. Plant: short, compact, with dark foliage. Pkt. 5c, $\frac{1}{2}$ oz. 15c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50, prepaid.

610. FARIBAUT DWARF CHAMPION—(76 days.) Because of its compact and upright habit of growth, enabling close planting, this is a great favorite with owners of small gardens. The tomatoes are of good size, globular, flattened, deep purplish pink, firm and sweet, very meaty and with few seeds. One of the best sorts for canning, ketchup, soup, etc. Plants grow strong, erect and bushy, and bear throughout the season. Pkt. 5c, $\frac{1}{2}$ oz. 20c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$3.00, prepaid.

608. NEW PENN STATE—An All-America Winner. A splendid new very early tomato with attractive medium sized fruit of nearly globular shape and rich even scarlet color—with no blemishes. Flesh is of superb quality and flavor with rich dark red color, very little core and few seeds. Valuable for home or market because of earliness and tremendous yield. Pkt. 10c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$2.00, prepaid.

611. SCARLET EXTRA EARLY JUNE—(60 days.) This tomato ripens a whole week earlier than Earliana, and is very productive. Fruits are of large size for an early sort, deep glossy scarlet, and ripen uniformly, the stem end coloring up perfectly. Flavor is delicious, fruit is firm and meaty, with few seeds. A real quality tomato valuable for the home and truck gardener. Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.10, lb. \$4.00, prepaid.

635. BONNY BEST—(74 days.) A standard second early variety, valuable for market gardeners, shippers, and canners and perhaps the most generally grown variety. Fruit: medium sized, apple shaped, smooth, solid, bright scarlet color, of fine quality. Pkt. 5c, $\frac{1}{2}$ oz. 20c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$3.00, prepaid.

612. SPARKS EARLIANA—(65 days.) Ours is one of several excellent strains of this important variety bred for thicker smoother fruits. Fruit: flattened, medium size, firm, bright red, quite smooth. Vine: open spreading, medium small. A first early sort, widely used for home gardens and truckers. Pkt. 5c, $\frac{1}{2}$ oz. 15c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.75, prepaid.

For Insecticides See Page 73.

Tonawanda, New York,
Sept. 16, 1936.
F. S. N Co.

It was lots of fun for my daughter, Olive, age four, to fill her basket with Farmer Seed Co's. Bison Tomatoes from her daddy's big Bison plant bearing 159 tomatoes! (See picture at right.)

Folks who like an attractive, solid tomato should try Bison. The plant is small, thereby taking up little room.

I found it common to get from 30 to 40 pounds of fruit from one plant.

Elmer E. Smith.

618. NEW SCARLET DAWN—(70 days.) A Gold Medal Winner. Fruit: very large with thick wall structure—globular, smooth, free from flat sides and puffiness. Color: bright scarlet, ripening well to the stem. Very attractive and appetizing in salads, spicy tomato juice or snappy catsup sauce. (See front cover.) Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.50, prepaid.

617. PRITCHARD OR SCARLET TOPPER—(73 days.) A scarlet, self-topping, disease-resistant variety originated by the late Dr. F. J. Pritchard. It is highly productive, of excellent quality, and very valuable for market garden use and for long distance shipping. Fruit: large, smooth, solid, with thick walls and cross sections: color light scarlet. A tasty tomato either sliced or canned. Pkt. 10c, $\frac{1}{2}$ oz. 25c, 1 oz. 40c, $\frac{1}{4}$ lb. \$1.10, lb. \$4.00, prepaid.

609. EXTRA EARLY BISON—(63 days.) Developed by Prof. Yeager, N. Dakota Agri. College. In repeated trials it has produced an early and very heavy crop under conditions that would mean failure to most sorts. Fruit a little larger than Earliana, deep scarlet, meaty, few seeds and of finest quality. Bison has produced over 40 lbs. of ripe fruit on one plant. Matures a few days ahead of Earliana but far superior in yield and quality of fruit. (See letter and picture below and inside front cover.) Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 45c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.50, prepaid.

EXTRA
EARLY
BISON



159 Bison Tomatoes on one Plant!
(See Letter at the Left—also Inside Front Cover.)

Tomatoes — Tobacco — Turnips — Rutabagas

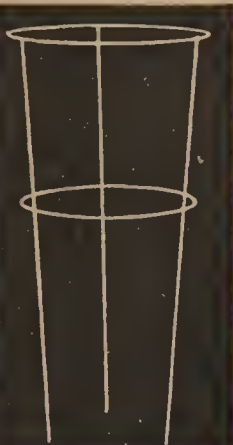
Pink and Yellow Tomatoes

639. GIANT PONDEROSA—(88 days.) The largest tomato grown. A splendid sort for home use and for canning, as the fruits are so solid, meaty and free from acid. Fruit: very large, flat, purplish pink, solid, with small seed cells; of inviting flavor. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25, prepaid.

616. OXHEART—(90 days.) A novelty of great merit. In shape it's different from any other tomato. It is of great size, has very thick flesh and is almost seedless. Every home garden should have a few of these unusual tomatoes. Excellent in salads. Fruit: extremely large, heart shaped, pink; very solid, meaty, and of mild flavor. Vine: open, spreading, fairly productive. Pkt. 10c, ½ oz. 30c, 1 oz. 50c, ¼ lb. \$1.25, lb. \$4.50, prepaid.

642. GOLDEN PONDEROSA—(89 days.) An exceptionally large, mild flavored, yellow sort for the home garden for late maturity. Fruit: very large, flat, deep yellow, quite solid, slightly rough, with small seed cells. Vines: large, spreading, strongly resistant to wilt. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25, prepaid.

644. FARGO YELLOW PEAR—In this new sort Professor A. F. Yeager of the North Dakota Agricultural College has combined the earliness and self pruning habit of his Bison Tomato with typical Yellow Pear Fruit. Its extreme earliness and heavy yields are worth while. It is a delicious tomato of novel appearance. An ideal sort for making fancy pickles, preserves, canning, etc. Fruit is pear shaped and of attractive golden color. Easily grown and yields wonderfully. Do not fail to try it. Pkt. 10c, ½ oz. 35c, oz. 60c, prepaid.



**ADAMS
PEONY and
TOMATO
SUPPORTS**

Made of strong galvanized wire—will not rust. The most satisfactory plant support on the market. Inexpensive—will last for years.

Diameter Top Ring	Height	Gauge Wire	Price	
			Prepaid	Not Prepaid
14 in.	30 in.	6	\$0.50	\$0.90
18 in.	30 in.	6	.60	1.10
18 in.	30 in.	3	.80	1.50
24 in.	42 in.	3	1.10	2.10



Giant Ponderosa. One of the Largest Prize- Winning Sorts.

TOBACCO

One ounce of seed will produce enough plants for one acre.

519. CONNECTICUT SEED LEAF—Grown principally for the manufacture of cigars. Hardy, prolific, and well suited to production in the North and Central States. Pkt. 8c, ½ oz. 25c, oz. 40c, prepaid.

TRANSPLANTED TOMATO PLANTS

The following varieties ready for shipment in May and June: Scarlet Ex. Early June, Earliana, Ponderosa, John Baer, Bonny Best, Scarlet Dawn and Oxheart. 12 for 30c, 100 for \$1.50, prepaid.—Not prepaid, 1,000 for \$10.50.

For Cabbage, Cauliflower, Celery, Chives, Ground Cherry, Pepper, Sweet Potato and Egg Plants, see page 25.

— Turnips —

One ounce will sow 125 feet of drill, two pounds per acre in drills, three pounds broadcast. See Culture at bottom of page.

681. EXTRA EARLY PURPLE TOP MILAN TURNIP—(40 days.) An extra early sort for home garden and truckers. Of excellent quality. Roots: 4 inch diameter, very flat, white with purple top. Flesh: clear white, fine grained, sweet and tender. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 60c, prepaid.—Not prepaid, 5 lbs. at 50c per lb.

683. WHITE EGG TURNIP—(55 to 60 days.) An early variety adapted for either spring or fall sowing. Roots: 2½ inch diameter, 3½ inches long; egg-shaped, white throughout; smooth, fine grained and of excellent quality. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 60c, prepaid.—Not prepaid, 5 lbs. at 50c per lb.

685. PURPLE TOP WHITE GLOBE TURNIP—(58 days.) Our pure bred strain is noted for its uniformity and productivity. Roots: 4 to 6 inch diameter, large globe shaped, very smooth, upper part purple-red, white below. Flesh: white, sweet, crisp and tender. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 60c, prepaid.—Not prepaid, 5 lbs. at 50c per lb.

686. EARLY PURPLE TOP STRAP LEAVED TURNIP—(45 days.) A medium early productive variety, used extensively for home and market garden planting. Roots: 3 to 5 inch diameter, flat, purple red at the tops, white below. Flesh: white, fine grained and tender. Tops, medium, upright and compact. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 65c, prepaid.—Not prepaid, 5 lbs. at 50c per lb.

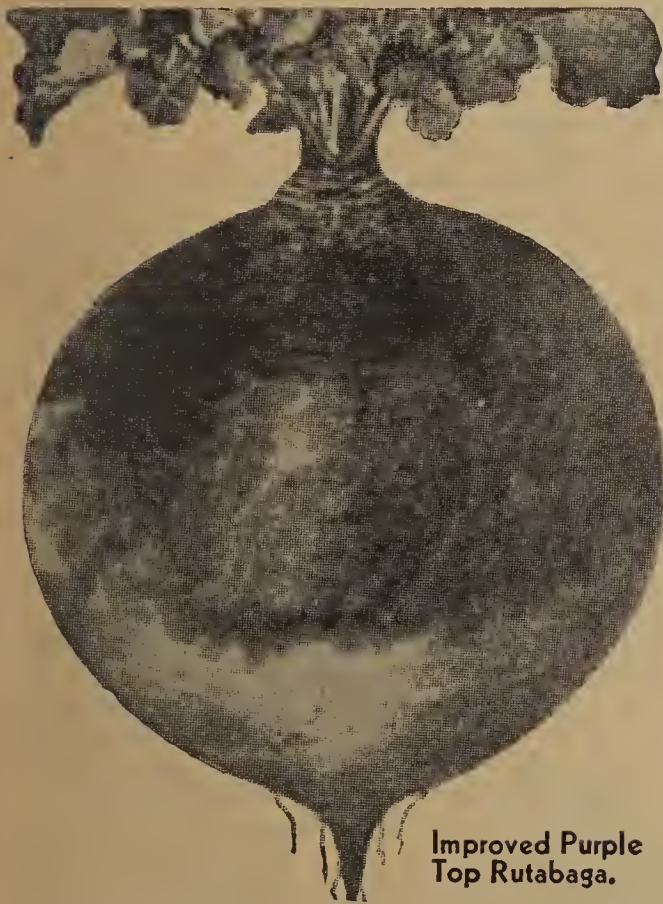
— Rutabagas —

698. IMPROVED AMERICAN PURPLE TOP RUTABAGA—(88 days.) Our special strain is noted for its uniformity of shape and heavy yield. A dependable variety. Keeps well and of excellent quality. Roots: 5 to 7 inch diameter, large, round with small neck and slight tap root; yellow with purple top. Flesh: light yellow, firm, sweet and tender. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c, prepaid.—Not prepaid, 5 lbs. at 40c per lb.

699. WHITE OR SWEET RUSSIAN RUTABAGA—(90 days.) Very productive. Roots: 5 to 6 inch diameter, very large, globular, with medium neck, color mainly white, with bronze-green top. Flesh: white, sweet, semi-firm. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 60c, prepaid.—Not prepaid, 5 lbs. at 50c per lb.

701. F. S. & N. CO'S EARLY NECKLESS RUTABAGA—A new variety and a great improvement over Purple Top Yellow Rutabaga. It is earlier—entirely neckless—free from side roots, round and uniform. The flesh is white, fine grained and sweet. Another money-maker for market gardeners and a quality vegetable that sells on sight. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 70c, prepaid.—Not prepaid, 5 lbs. at 60c per lb.

700. YELLOW MAMMOTH RUTABAGA—A large size root of good shape, a heavy yielder and very hardy. One of the most profitable to grow. Keeps well. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c, prepaid.—Not prepaid, 5 lbs. and over at 40c per lb.



Improved Purple
Top Rutabaga.

CULTURE—Turnips and Rutabagas do best in highly enriched, light loam soil. In rich soil and cool weather, they grow rapidly, without becoming bitter in flavor. Sow in April, in drills 12 to 15 inches apart, and thin out to stand 8 inches apart in the row. Rutabagas keep much longer than Turnips, otherwise there is but little difference in flavor.

Miscellaneous VEGETABLES



Kohlrabi Early White Vienna.

KOHLRABI

Roots grow above the ground and are cooked like turnips, but are of much milder, more delicate flavor, and very tender. Sow in drills 18 inches apart, and thin to stand 4 or 5 inches apart in the rows.

309. TRIUMPH OF PRAGUE

— A new All-America Winner of great merit. A perfect stock of White Kohlrabi. Most uniform in shape, size, and color. Has a short top. An attractive strain to be proud of. It is very slow in running to seed. The "All-America" judges rate this one high. Seed scarce, offered in packets only. Pkt. 10c, prepaid.

310. EARLY PURPLE — (62 days.)

Dwarf plants having short, green leaves with purple stems and veins. Bulbs globular purple, with white, tender flesh. Pkt. 8c, oz. 15c, 1/4 lb. 50c, lb. \$1.80, prepaid.

311. EARLY WHITE VIENNA

— Very handsome, white fruit. Excellent both for forcing and open ground; flesh white and very tender; leaves short. Pkt. 8c, oz. 15c, 1/4 lb. 50c, lb. \$1.85, prepaid.

KALE OR BORECOLE

Borecole or Kale is a cabbage-like plant which forms no heads, but is used like spinach, for fall, winter and spring greens. Dwarf Kale can be sown late, and need not be transplanted. Frost improves the flavor and quality.

75. DWARF GREEN

CURLED—Plant is low and compact with large, bright green leaves, curled, and wrinkled. A healthy vegetable, and one of the most palatable when well cooked. Pkt. 5c, oz. 10c, 1/4 lb. 25c, lb. 80c, prepaid.

VEGETABLE SPAGHETTI

314. GOLDEN MACARONI—This remarkable vegetable (of Squash family) sets fruits freely, like squash. The smooth, creamy white skinned fruits look something like vegetable marrow, measuring 8 inches long and 4 inches around. Pick fruit when well matured and cook whole, (without cutting or skinning), in boiling water for 20 minutes; then cut as shown in picture. You will find a stringy spaghetti-like content which is quite tasty when seasoned with vinegar, sauce, or cooked in other ways. The fruits can be stored until late spring. Do not pick fruit until fully matured; to cook, do not skin or cut fruits; and do not cook too long as this will soften stringy texture of contents. Pkt. 8c, oz. 20c, 1/4 lb. 70c, prepaid.

EGGPLANT

1 oz. for 1,000 plants. Sow seed in hotbed in March, when an inch high, pot in 3-inch pots. Set out about June first, 2 1/2 feet apart.

300. NEW YORK PURPLE SPINELESS—Plants are large, vigorous, spreading. Fruits very large, oval, of glossy, dark purple color; usually 4 to 8 fruits per plant. Pkt. 8c, 1/2 oz. 20c, oz. 30c, 1/4 lb. 90c, prepaid.

302. BLACK BEAUTY—Desirable for the northern states. Earlier than New York Spineless. The fruits are broad, thick, of most attractive form and finest flavor. Their rich, lustrous, purple color is very uniform. Pkt. 8c, 1/2 oz. 20c, oz. 30c, 1/4 lb. 90c, prepaid.

ENDIVE

305. GREEN CURLED—A very beautiful sort of which the leaves are very light colored, even the outer ones being nearly white. They are crisp and tender. Pkt. 5c, oz. 10c, 1/4 lb. 30c, lb. 90c, prepaid.

CELERIAC—Turnip Rooted Celery

The roots are used in salads or boiled like parsnips, or turnips, and have a celery flavor. They keep well all winter. Celeriac may be cooked and served with cream sauce, or used as a salad.

199. LARGE ERFURT—Roots large, smooth, turnip-shaped, excellent flavor. Pkt. 8c, oz. 20c, 1/4 lb. 60c, lb. \$2.10, prepaid.



A Single Hill of "Girasol."

"GIRASOL"—The Lazy Man's Spud

Girasol is a tuber, related to Artichokes and Sunflowers. A native of America, though has been grown in France for years. The tubers outyield potatoes 2 or 3 to 1, yielding from 10 to 20 tons per acre. Girasol tops yield 10 to 20 tons of silage per acre. The foliage becomes so dense that after two cultivations, weeds cannot survive.

Girasol is propagated by tubers only and cannot become a pest. It is not injured by freezing, and it may be harvested in fall or following spring.

All stock and poultry like Girasol tubers.

VALUABLE FOOD FOR DIABETICS

The tubers may be eaten raw, or cooked, the same as other vegetables. Millions of people who have to limit their use of starchy food, may substitute Girasol in which the carbohydrates are in the form of inulin instead of starch. It is particularly valuable for diabetics.

Plant 3 feet apart in rows 4 feet apart (20 to 22 bu. per acre, 40 lbs. per bu.) Will grow on most any kind of soil, the richer the better. Cut the tubers and plant like potatoes. Send for Circular. Available April 1 to May 15. Shipping date uncertain—seed stock dug in spring.

Price: 5 lbs. \$1.00, prepaid, to 3rd zone only. Not prepaid, 1/4 bu. 80c, 1/2 bu. \$1.50, bu. (40 lbs.) \$2.80. (Write for prices on larger amounts.)



New York Improved Eggplant.

HERBS FOR SEASONING

Essential for flavoring. Used fresh during the summer. For winter use, dry young stems and leaves, tie in bunches and store in Mason jars, to keep out air and dust.

660. CARAWAY—Grown for the seeds, which are used for flavoring. Pkt. 5c, oz. 25c, prepaid.

661. CHIVES—Used for seasoning, of mild onion flavor. Pkt. 8c, 1/2 oz. 35c, oz. 50c, prepaid.

663. DILL—Seeds have an aromatic odor and pungent taste. Used for pickles. Pkt. 5c, oz. 10c, 1/2 lb. 40c, lb. 75c, prepaid.

670. MINT—Old-fashioned. Mint leaves add zest to cool, refreshing drinks as lemonade, ice tea, Mint Juleps. Fine for sauce. Pkt. 10c, oz. \$2.50, prepaid.

671. MARJORAM—The young, tender tops are used green for flavoring, or they may be dried for winter use, for flavoring broths, dressings, etc. Pkt. 8c, oz. 35c, ppd.

674. SAGE—The leaves and tops are used very extensively for seasoning. Pkt. 8c, oz. 35c, prepaid.

675. SUMMER SAVORY—A hardy annual. The dried stems, leaves and flowers are fine for flavoring soups, dressings, etc. Pkt. 8c, oz. 30c, prepaid.

676. THYME—The young leaves and tops are used for seasoning soups, in dressings, etc. Pkt. 8c, oz. 50c, prepaid.

COLLECTION OFFER

Select any 5 Pkts. above Herbs for 30c, prepaid.

LEEK

312. LONDON FLAG—A species of onion ideal for flavoring soups. Thin plants to 6 inches apart. When 8 inches high transplant in rows 10 inches apart, deep as possible to blanch neck. Pkt. 8c, oz. 15c, 1/4 lb. 55c, lb. \$2.00, prepaid.



Vegetable Spaghetti.



Vegetable Roots and Plants



TRANSPLANTED VEGETABLE PLANTS

On plant orders less than 60c, add 15c for packing

We supply good healthy transplanted plants of all the varieties listed below, in their proper season. Packing charges are included in the prices named. As soon as the transplants are taken from the flats in the greenhouse they are wrapped in moist moss and covered with oil paper, and mailed at once. Prices on plants in 1,000 lots are for seedlings. Special varieties will be grown for you if ordered early.

We cannot accept shipments beyond the third zone (300 miles) at prices quoted—all shipments beyond the third zone are sent at customer's risk.

50 or more plants at the 100 rate.

—Minimum Order 50c.

Postpaid Dozen 100 Not Ppd. 1,000

CABBAGE, Early. Ready in April and May. Jersey Wakefield, pointed head; Copenhagen Market, Golden Acre, flat head.....	\$0.25	\$1.00	\$8.00
CABBAGE, Late. Ready in June. Hollander or Danish Ballhead, Premium Late Flat Dutch....	.25	1.00	8.00
CAULIFLOWER. Ready in April and May. Super Snowball .....	.30	2.00	12.50
CELERY, Early. Ready in June. White Plume, Golden Self Blanching .....	.25	1.25	9.50
CHIVES. Ready in April. Per bunch, about 1 doz. plants .....	.30		
EGG PLANT. Ready in May and June. New York Purple .....	.35	2.00	12.50
GROUND CHERRY. Ready in May and June.....	.35	2.00	12.50
PEPPER. Ready in May and June. Bull Nose, Harris E. Giant, California Wonder.....	.35	2.00	12.50
SWEET POTATO PLANTS. Ready in May and June .....	.25	1.00	6.00
SAGE. Ready in May and June. 6 for 30c....	.50		
TOMATOES. Ready in May and June. Scarlet Dawn, Scarlet Extra Early June, Earliana, Ponderosa, Bonny Best, John Baer, Oxheart...	.30	1.50	10.50

Tomatoes and Peppers—Individual Potted Plants 75c per dozen, prepaid.

FREE

Send us the names and addresses of 5 good farmers or gardeners and we will send you 2 packets of vegetable or flower seed (our selection) free of charge.

All Names Must Be Mailed By March 15, 1937.

SUMMER FLOWERING PLANTS

For Porch and Window Boxes, Flower Beds, Etc.



Washington Asparagus Roots.

Asters, Coleus, Daisies, Verbenas, Larkspur, Petunia, Pansy, Salvia, Snapdragon, Zinnia—also Special House Plant Collection of Ferns, Geraniums, Ivy, Lantana, Perennials, etc.

Some real surprises in Plant Novelties on pages 56-57.

WASHINGTON ASPARAGUS ROOTS

A rust resistant variety, of large size and rapid growth. Most profitable for market, and very prolific. The tips are firm and tight, and do not open out until quite tall. They are dark green and thick, of beautiful appearance when bunched. The soil should be deeply dug, and plenty of fertilizer mixed in, before the roots are set out. Set the roots in rows 2½ to 3½ feet apart, 8 to 12 inches apart in the rows. The plants should be set so that the crowns are 2 inches below the surface. One-year-old plants are considered best for setting out.

For commercial planting 5,445 Asparagus Roots will plant an acre if set 2 feet apart and rows 4 feet apart, or 11,000 plants if set 1 foot apart and rows 4 feet apart. Price: One-year-old roots, 25 for 55c, 50 for 90c, 100 for \$1.50, prepaid.—Not prepaid: 500 for \$5.00, 1,000, for \$8.50.

FROST PROOF CABBAGE PLANTS

No Delivery Beyond the Third Zone (300 Miles).

On plant orders less than 60c, add 15c for packing

These plants are extremely hardy, and produce the earliest cabbage, fully three or four weeks ahead of any other plants. They are grown in Texas, during the winter, when the weather is often freezing, enduring cold rains and sleet. They can be set out as soon as the ground can be worked and are not injured by shipping or transplanting, as they make strong growth. They are cheap, profitable and sure to grow.

We offer the three best sorts in bundles of about 100 of a kind only, which cannot be divided. Prices include postage.

EARLY JERSEY WAKEFIELD, FLAT DUTCH or COPENHAGEN MARKET. Price 100 for 60c, 200 for \$1.10, 500 for \$2.25, 1,000 for \$3.50.

Not available after May 1.

Iowa grown plants of the above varieties will be available at the same prices from May 1st to June 10th.



Frost Proof Cabbage.

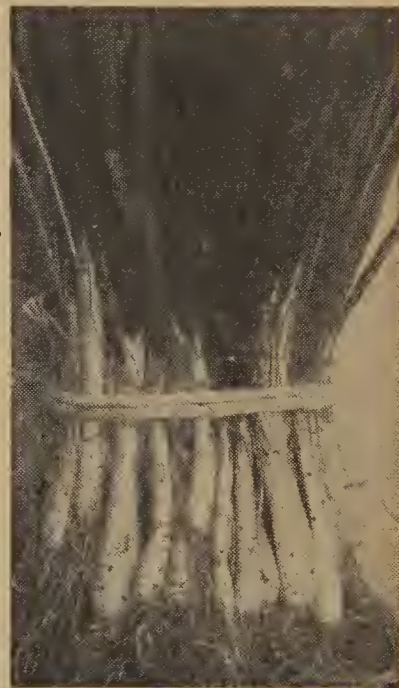
BERMUDA ONION PLANTS

Not Available After May 1st.

To mature extra early, these are grown in Texas, under winter conditions that make them extremely hardy and vigorous. They produce the finest flavored mild onions, in just a short time. They are excellent to grow for green onions, early in spring, or they may be allowed to develop to their full size and used in the fall. They grow large and are fine for market.

We ship Onion Plants at proper time for setting out. In bundles of 75-100 each.

Prices: Two bundles 30c, 5 bundles 60c, 10 bundles \$1.00, prepaid. Case of 60 bundles \$3.25, not prepaid, weight, 35 lbs.



Bermuda Onion Plants.

RHUBARB OR PIE PLANT

Rhubarb affords the earliest sauces and pies in spring. Set roots out in spring or fall, in rows 4 feet apart, so the crowns are an inch below the surface. Do not pull stalks the first season. Plants set out in the spring will bear quite abundantly the following season. Fertilizing in the fall will be of great help to the next season's crop. Price: By mail, 3 for 30c, 12 for \$1.00, postpaid.—Not prepaid: 100 for \$5.50.

NEW MacDONALD RED RHUBARB

This is the new strain becoming immensely popular with growers everywhere, on account of its bright crimson color. It originated in Quebec, and roots only are available. Produces large tender stalks, very succulent, and has a bright raspberry color when cooked. This variety will replace the common strain as soon as production can be increased. Roots while available are offered at 55c each, 5 for \$2.48, prepaid. Not prepaid, 10 for \$4.37, 25 for \$9.85.

HORSE RADISH ROOTS MALINER KREN

The large white variety from Bohemia—much larger and sturdier roots than the common variety. Exceptionally fast grower and most profitable of all. Flesh pure white. By mail, 12 for 35c, 100 for \$1.50, prepaid. Large Roots for Grating: 10 lbs. \$1.00, prepaid.

FOR HOUSE PLANTS, SEE PAGES 56-57.

FOR STRAWBERRY PLANTS, SEE PAGE 27.

FOR PLANT GUARDS, SEE PAGE 26.

FOR PLANT SUPPORTS, SEE PAGE 23.

F. S. & N. Co.

Mellen, Wis.

I received my Tomato Plants and am more than pleased with them. They are lovely, sturdy plants. You are a very reliable and good company and I assure you I will get you new customers and will buy a larger order from you next season.

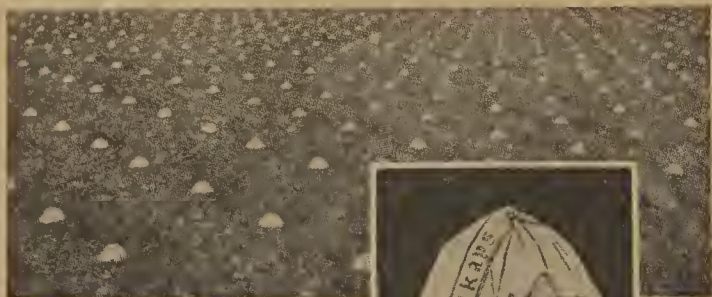
Violet Genoshe.



Money-Makers for the Gardener



An
Extra
Money-
Maker



"GERMACO" HOTKAPS

MODERN INVENTION PROTECTS PLANTS FROM FROST.

"GERMACO" HOTKAPS can make many extra dollars for you this season. They are patented wax paper cones—"Individual hothouses for each plant"—that completely cover them, and fully protect them from frost, wind, rain, ground-crusting, and insects. This is your assurance of earlier, bigger crops, and higher early-to-market prices. Hotkaps are inexpensive and easy to use. One man "sets" 2,500 per day.

Hotkaps enable growers to market crops three weeks earlier and reap the fancy prices paid early in season.

PRICES:

Home
Package
Hotkaps

25 Hotkaps and
Cardboard Setter.....\$0.65 prepaid
100 Hotkaps with
Setter and Tamper..... 2.40 prepaid
250 Hotkaps with
Setter and Tamper..... 3.65 prepaid

Hotkaps
only.

100 for \$1.50—250 for \$3.35 prepaid.
500 for 5.00—1000 for 9.50 prepaid.
5000 at \$9.40 per 1000—not prepaid.

Booklet
free

Steel Hotkap Setter and Tamper—\$1.50.
Garden Setter, each 50c; Steel Tamper, 25c.
Weights—1,000—28 lbs., 250—9 lbs., 100—5 lbs.
Prepaid prices are to 3rd zone only.

MASTERS RAPID PLANT SETTER

The only practical tool for transplanting all kinds of plants—Tomatoes, Cabbage, Cauliflower, Pepper, Egg Plant, Strawberries, etc.

Each plant is set, watered and covered in one operation, without any stooping or lame backs. Cuts labor to one-third. With the Masters Rapid Plant Setter, one man will set 8,000 to 15,000 plants per day—this is more than three men can do by hand.

Does Perfect Work.

The roots of each plant are put into the ground in a natural position and firmly set by the absorption of the water into the ground. This is "Nature's Own Way." Transplanting losses are reduced to the minimum. The tiny roots are sucked into the ground almost as though they grew there and the plant takes hold and starts to grow at once.

Don't Wait for Showers.

You can set your plants just when you are ready with the Masters Rapid Plant Setter and you will have a full stand of plants without fail. Works equally successful on hillsides, among stumps and uneven ground.

Thousands are in use—they are guaranteed to satisfy you fully or money back. This Setter will pay for itself within the first week of use. Price: \$5.25, f. o. b. Faribault. Weight, 7 lbs.



Masters
Plant Setter.

PLANT BANDS AND PLANT BOXES

For starting and growing seedlings—shipping young plants—protection against cutworms.

Neponset Plant Bands are made of heavy durable, waterproof paper. The ingenious side locking construction makes for convenience in setting up.

Neponset Plant Boxes are becoming exceedingly popular—each box contains 12 two-inch plant bands—trays made of durable thickness of the same heavy waterproof paper.

The plant box is ideal for starting seedlings indoors, or for growing and marketing plants in units of 12. They are inexpensive and are used by leading gardeners everywhere.

Price: Plant Boxes and 12—2-inch Plant Bands in each—10 for 90c, prepaid. Not prepaid—100 Plant Boxes and 1,200 Bands for \$5.95.
Plant Bands only: Size 2 inch—100 for 45c, prepaid. Not prepaid—500 for \$1.60—1,000 for \$2.85. Three-inch size, for larger plants, 100 for 55c, prepaid. Not prepaid, 500 for \$2.10—1,000 for \$3.90.



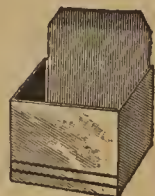
NEPONSET FLOWER POTS

Adapted for growing, transplanting or shipping. Made of tough, waterproof green paper, eliminating breakage. Permits speed in handling and more economical than clay pots. Used by the best gardeners everywhere. The green pots are somewhat heavier for frequent handling.

Prices:	Dozen Prepaid	100 Prepaid	1,000 Not Prepaid
2 -inch, Green	\$0.15	\$0.70	\$5.25
2 ½ -inch, Green..	.18	.75	6.00
3 -inch, Green..	.20	.90	7.50
3 ½ -inch, Green..	.25	1.15	9.75
4 -inch, Green..	.30	1.50	11.00
5 -inch, Green..	.35	1.75	15.50



BERRY BOXES AND CRATES EWALD'S FOLDING BERRY BOX



Complying with all state laws, this box is considered the most practical—saves time and effort—no nails or stapling. A strong non-collapsible box in standard quart and pint sizes.

Quart Size—100 boxes, \$1.40; 250 boxes for \$3.00; 500 for \$4.85; 1,000 for \$9.00.

Pint Size—100 boxes, \$1.20; 200 for \$2.25; 400 for \$3.95; 1,000 for \$8.00, f. o. b. Faribault. Exp. or freight only.

AMERICAN ONE-QUART BASKETS AND CRATES



All made up—firmly constructed—standard size—packed nested. Our best seller and most economical to use. Price: 100 baskets, \$1.00, 500 baskets, \$3.90, 1,000 baskets, \$6.90.

PINT SIZE BASKETS—100 for 90c, 500 for \$3.75, 1,000 for \$6.75. F. O. B. Faribault. Exp. or frt. only.

CRATES FOR AMERICAN BASKETS

Made from best ½-inch seasoned lumber, planed 9 inches wide and 8 ½ inches high. The sides are of veneering, 4 inches wide and 20 ¾ inches long. Cover is one solid piece of veneering. Use 1 ½-inch cement coated nails.

Sixteen-quart crates—100, \$16.00; less quantities, 18c each.
Twenty-four pint crates—100, \$15.00; less quantities, 17c each.
F. O. B. Faribault.

MINN. VENEER PLANT GUARD

Protects plants from damage by cutworms—acts as fertilizer.

Cutworms frequently do more damage than insect pests to growing plants. Here is inexpensive insurance—simple and easily applied, always sure protection.

Minnesota Basswood Veneer Plant Guards may be readily placed around the plants just after planting. The wood bands will not choke or hinder growth or development of the plants. After 8 to 10 weeks the bands are absorbed by the soil and act as a fertilizer, promoting healthy plant growth. Set bands about two inches in the soil. Indispensable for market growers or home gardeners. Shipments: Freight or Express.

Price: 3x8-in. Bands (packed flat), 100 for 50c, prepaid. Not prepaid, 500 for \$1.25, 1,000 for \$2.00. 4x10-in. Bands, 100 for 75c, prepaid. Not prepaid, 500 for \$1.60, 1,000 for \$3.00. Weight, 20 lbs. per 500.



WHITE ELM TREE PROTECTORS

White Elm Veneer Bands are distasteful to rabbits and rodents. They are easily tied around small trees and offer inexpensive tree insurance. They are shipped flat. Size, 10x20 inches, and are worth many times their small cost.

Price: 50 for 85c, 100 for \$1.50, 1,000 for \$12.00, f. o. b. Faribault.



IDEAL WEEDER

Indispensable for all garden work. Just the thing for close work around delicate plants. Most practical weeder on the market. Used by the best gardeners everywhere.

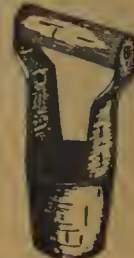
Price: 25c each, 3 for 65c, postpaid.

HOLE-IN-ONE PLANTING TOOL

Just the thing for setting out plants—makes a hole-in-one operation. Simply cut the tool into the soil and in withdrawing the tool, with a twisting motion, out comes a plug of soil—leaving a perfectly flat bottomed hole. No ragged edges, but a firm base for your plants.

This tool is made of high grade bronz, rigidly constructed—finished in bright red. Price: 55c, prepaid.

The same tool with long handle, designed for hard work and with adjustable foot rest for controlling planting depth, \$2.90, f. o. b. Faribault.



Hole-in-One
Planter.



10% Discount
on orders from
this page received
with remittances
by March 1st.

*Wayzatas are so far
ahead of other straw-
berries in quality and
appearance, they sell
themselves.*

*Gamble-Robinson Co.,
Wholesale Fruits, Mpls.*

October "Wayzata" Strawberries.—Mpls. Journal Photo.

What the Minn. Fruit Growers' Assn. Secretary Thinks of the "Wayzata" Strawberry.

"I have talked with many fruit growers who have grown this Strawberry. The opinion is that the "Wayzata" is much superior in quality and appearance to other Everbearing Strawberries. It appears to be outstanding and is likely to be of considerable commercial value to growers on account of its excellent shipping qualities."—J. D. Wiuter, Secretary.

MASTODON EVERBEARER

In three months you can have large berries ready to serve, and enjoy them until late fall. Color is a beautiful red, quality firm but juicy and of rich flavor.

Mastodon is an excellent yielder and 100 plants will supply the average family, with plenty allowed for canning besides. This is the most popular low priced Everbearer, though not as good a market berry as Wayzata. Price: 25 for 70c, 50 for \$1.00, 100 for \$1.85, prepaid. Not prepaid, 500 for \$6.00, 1,000 for \$11.50.

NEW GEM EVERBEARER

A recent introduction, and a quality berry of glistening beauty. Flavor equal to the best June bearing varieties. Plants grow 7 to 8 inches tall, producing 8 to 15 fruit stems. Gem is a perfect pollinizer, and therefore bears abundantly. Berries up to 2 inches in diameter have been found. Flavor is rich and sweet. Price: 50 for \$1.00, 100 for \$1.75, prepaid. Not prepaid, 500 for \$5.50, 1,000 for \$10.00.

FAIRFAX—(Long Picking)

Introduced by the Department of Agriculture and a wonderful plant maker. Thrives in all kinds of soil, and withstands frost and adverse weather conditions remarkably well. Fairfax bears early fruit of good size and of rich carmine-red color. Its long picking season is especially desirable. For home or market this berry will always make good. Price: 50 for 70c, 100 for \$1.10, prepaid. Not prepaid, 500 for \$3.50, 1,000 for \$6.25.

SENATOR DUNLAP

Wonderful for Canning and Preserves

Beautiful glossy, dark red color all through, the flavor is delicious, mild and sweet. The berries are medium to large in size, and medium firm—excellent for home use and local markets. Plants are healthy, fast growers and make runners freely. A dependable midseason sort. Price: 50 for 60c, 100 for 90c, prepaid. Not prepaid, 500 for \$2.95, 1,000 for \$5.25.

Helps For Strawberry Growers

Do not plant Strawberries on newly plowed sod land—white grubs and wireworms are common there, and will destroy the roots.

After turning sod, plant to vegetable crops for two years previous to setting out berry plants, giving clean cultivation so that grubs will be killed.

Manure should be applied to crops grown

before the berries, so that weeds have been destroyed by tillage and the manure rotted into humus.

Crop Rotation is essential. After fruiting two years set out a new bed, turn the soil, plant to vegetables for two years, applying fertilizer before planting. Then follow again by strawberries for another two years.

STRAWBERRY PLANTS

7000 plants for an acre. Set in rows 4 ft. apart—plants 1½ ft. apart in the rows.

Soil—Plow or spade the land deeply in fall and leave in ridges over winter—in spring work thoroughly, until finely pulverized.

Plants—Unpack as soon as received and submerge the roots in water. When planting, carry the plants in pails of water, as exposure of roots to sun and wind is fatal. Remove all dead leaves and runners. Cut back roots, leaving them 4 inches long.

Planting—Spread roots out in fan shape, hanging down to their full length. Set crowns level with the soil surface—if set deeper the plants will rot; if shallower, the roots will dry out. Press the soil firmly against the roots. Water each plant after planting.

Cultivation—Give frequent shallow cultivation to keep the weeds down and the top soil loose. Remove all runners.

Mulching—Mulch plants 4-6 inches deep with clean straw in fall after the ground has frozen hard. Remove mulch from plants in spring but leave it between the rows to conserve moisture, smother out weeds and keep the fruit clean.

"WAYZATA"---World's Best Everbearer

**BERRIES
FIRST
SEASON
UNTIL
SNOW
FLIES**

**LARGE
GLOSSY
RED
FRUIT**

**FROST
RE-
SISTANT**

**A
REAL
MONEY-
MAKER**

**LOW
COST**

From a single plant, discovered in an experimental plot of the Minnetonka district, the now famous "Wayzata" Strawberry was developed.

It took years of selection to produce the new "Wayzata" Strawberry, now recognized as the outstanding introduction.

The "Wayzata" is a hardy, disease and frost resistant variety—produces a late fall crop equal to the best June berries.

The berries are glossy red, of good size, firm texture, coreless and have a fine, mild flavor. Their attractive appearance makes them sell readily on the market and Twin City fruit dealers have been unable to supply the demand for this berry. It is also an ideal canning berry.

The "Wayzata" will make more vigorous growth in a shorter period of time than any Everbearing variety grown. If set early in spring, there is always a good crop of runners early in July—they will be loaded with fruit by the beginning of August. This new berry has a tendency to grow numerous crowns from a single root and each crown is always loaded with blossom stems. This is the outstanding characteristic of the "Wayzata" and is what makes it a heavy bearer. (See color illustration on page 39.)

SOME "WAYZATA" PROFIT RECORDS

Here is the record of a three-acre plot of "Wayzata" Strawberries grown by Braden Brothers:

Normal Year:		Drought Year:	
First picking.....	July 18	First picking.....	July 18
Last picking.....	October 23	Last picking.....	October 23
Total yield.....	901 cases	Total yield.....	502 cases
Gross sales.....	\$3,106.55	Gross sales.....	\$2,082.91

"WAYZATAS" NOW at LOWEST PRICES EVER QUOTED

Prices: Strong, hardy plants, delivered in perfect condition—25 plants \$1.40, 50 plants \$2.25, 100 plants, \$3.90, prepaid. Not prepaid 500 plants \$14.50, 1,000 plants \$26.00.

SPECIAL—Potted "Wayzata" plants with roots undisturbed for faster growth and development, 12 plants \$1.00, 50 plants \$4.00, prepaid.

DORSETT—(Extra Hardy)

A new outstanding June bearing variety. Has a record of very high yield—over 6,000 quarts per acre. A vigorous grower—healthy and up-standing. Berries larger than Premier—color light red and a self-pollinating variety. Dorsett has withstood frost damage exceptionally well, and is of great value for the North. Price: 50 plants for 65c, 100 for \$1.10, prepaid. Not prepaid, 500 for \$3.60, 1,000 plants for \$6.50.

EARLY PREMIER—(First of All)

Considered the earliest June bearing variety—always giving satisfaction and ranks first in popularity among leading horticulturists. Fruit is of large size, bright red. Quality and fruit flavor exceptionally fine. Will withstand drought and is one of our best shippers. Price: 50 for 65c, 100 for \$1.00, prepaid. Not prepaid, 500 for \$3.50, 1,000 for \$6.50.

SPECIAL--AMERICAN BERRY BASKETS

—(See Page 26)—

Owing to a fortunate purchase we are in position to offer the well known American Berry Baskets—standard size, as follows:

Quart Size Baskets: 100 for \$1.00, 500 for \$3.90, 1,000 for \$6.90.

Pint Size Baskets: 100 for 90c, 500 for \$3.75, 1,000 for \$6.75.

All prices f. o. b. Faribault—Express or Freight Shipments Only.

—Free Book on Fruit Growing—

GROW YOUR OWN FRUIT—82 page book, covering the essentials of fruit culture, including pruning, spraying, tree surgery, diseases of tree fruits, insect control, etc.—Price 10c, or free with a nursery order of \$1.00 or more.

Be sure to request literature wanted when ordering.

**Home Garden
Strawberry
Collection**

50 MASTODON Everbearers

50 PREMIER } June
50 DUNLAP } Bearing

150 Plants. \$1.95

(Value \$2.25)

Prepaid

Why Buy MINNESOTA GROWN Nursery Stock?

SIX VERY IMPORTANT REASONS

- 1—Our northern climate imparts exceptional hardiness and a strong root system.
- 2—Minnesota enforces the most rigid inspection laws—which means disease-free stock.
- 3—Our high standard of grading and inspection is known to all who have dealt with us these 49 years.
- 4—Our Minnesota Grown Raspberry and Strawberry Plants have set the standard of quality for the entire nation.
- 5—Faribault grown nursery stock is your best insurance of success and enduring satisfaction.
- 6—Our direct-selling method from grower to planter permits lowest prices.

WE HELP YOU PLAN

If uncertain what to plant, let us help you plan. Tell how much you feel like investing and you will be surprised at the wonderful collection of Trees and Shrubs just a few dollars will buy, and the great improvement it will make.

LANDSCAPE PLANS

We make no charge for suggestions what to plant, however, if a detailed plan is wanted, drawn to scale by our expert landscape draftsman, send us a remittance of \$2.00 to cover a complete plan with full instructions. The \$2.00 we request is to confine our efforts to those who are really interested and this amount will be applied on any purchase of nursery stock amounting to \$15.00 or over.

Send for a landscape chart on which to make a rough drawing of your place and present plantings, buildings, etc. It will be sent for 2c to cover postage. No planting plan can be made after March 15th by our Landscape Dept.

SEND PART REMITTANCE ONLY

Make your selections now, so the best specimens may be reserved for your order. Don't wait until the planting season is at hand. Send us only one-third of the amount due with the order—balance can be paid at shipping time.

Note: Owing to the great expense of handling and packing nursery items, we cannot accept orders for Trees, Shrubs or Plants totalling less than 60c unless 15c extra is remitted to cover packing cost.

SHIPPING SEASON

As a rule we ship from about March 15th, throughout April and May.

All items are securely packed and guaranteed to reach destination in good growing condition. Instructions for planting with every order.

PREMIUMS FOR EARLY NURSERY ORDERS

To encourage early nursery orders before the rush of the season begins, we offer FREE PREMIUMS FOR NURSERY STOCK ORDERS RECEIVED BEFORE MARCH 1, 1937. Must be requested when order is placed. No Premiums After March 1st. This offer applies to nursery orders only.

With an order for nursery stock amounting to \$5.00 or more—

Your choice of either—

2 Sapa Cherry-Plum Seedlings free—value 50c.

or 2 Scarlet Berried Bittersweet Vines free—value 45c.

With an order for nursery stock amounting to \$10.00 or more—

Your choice of either—

2 Golden Bell Forsythia free—value \$1.00.

or 2 Golden Spirea free—value \$1.00.

With an order for nursery stock amounting to \$15.00 or more—

Your choice of either—

1 Golden Weeping Willow, 5-6 ft. free—value \$1.50.

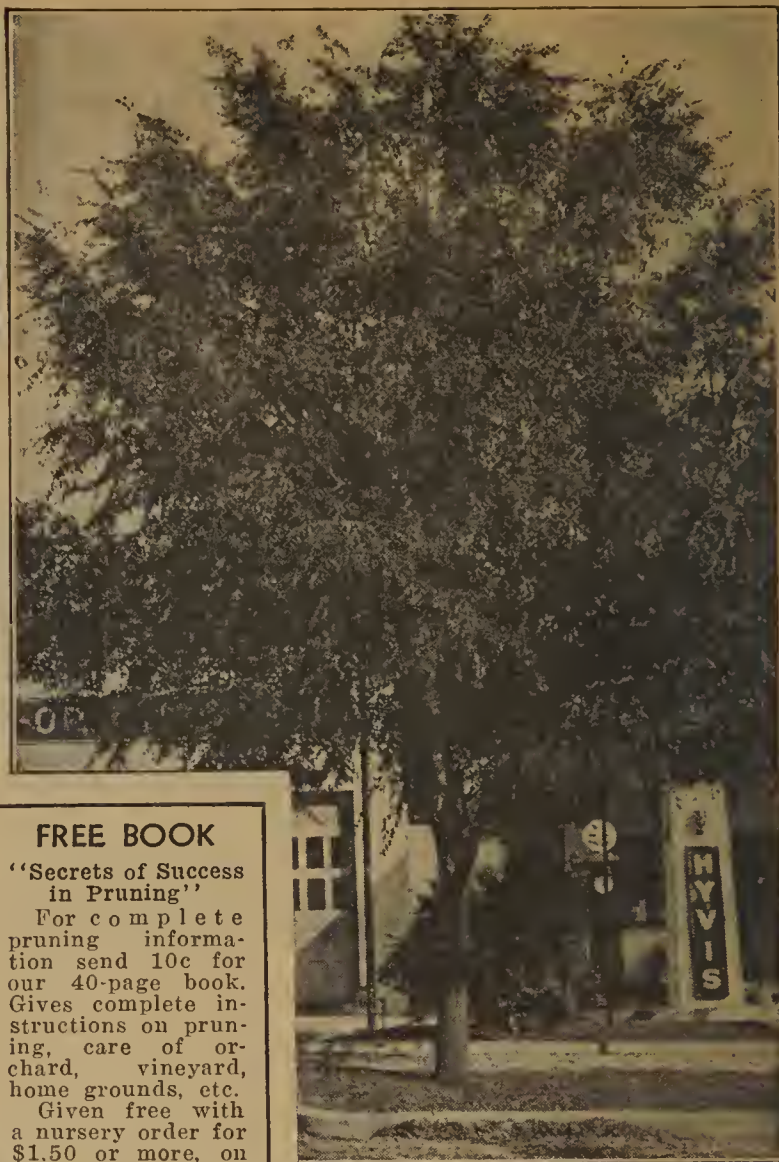
or 1 Specimen White Spruce, 18-24 in. free—value \$1.50.

OUR FAIR PLAY GUARANTEE

All of our Nursery Stock carries the Minnesota Inspection Certificate and is guaranteed true to name and in good growing condition. If for any reason you do not find everything just as represented, notify us at once and we will order shipment returned, refund your money, or replace the items without charge.

Any tree or plant that dies the first growing season we will replace at half the catalog price, the following spring, if loss is reported by October 15th following date of purchase.

We cannot be responsible for losses other than the above.



A 6-Year-Old Chinese Siberian Elm—
See Pages 32 and 37.

FREE BOOK

"Secrets of Success
in Pruning"

For complete pruning information send 10c for our 40-page book. Gives complete instructions on pruning, care of orchard, vineyard, home grounds, etc.

Given free with a nursery order for \$1.50 or more, on request.

Postage Required on Nursery Orders

Trees up to 4-5 ft. can go by parcels post. Larger sizes by express. Rates given are to 3rd zone—or 300 miles. Larger Nursery orders are shipped by express or freight, and shipping charges can be paid when you receive the goods.

ALL FRUIT AND SHADE TREES.

Postage on	1	3	5	10
2-3 ft....	13c	19c	25c	33c
3-4 ft....	15c	21c	28c	37c
4-5 ft....	16c	22c	29c	41c

Weights for Express Shipments.

	Lbs.	Lbs.	Lbs.	Lbs.
5-6 ft....	5	8	12	23
5-7 ft....	5½	9	13	25

EVERGREENS.

Not Balled and Burlapped.

Postage on	1	3
12-18 in....	17c	25c
18-24 in....	23c	37c
2-3 ft....	35c	57c

Balled and Burlapped.

12-18 in...	By express, wt. 50 lbs.
18-24 in...	By express, wt. 60 lbs.
2-3 ft....	By express, wt. 70 lbs.
3-4 ft....	By express, wt. 80 lbs.

Larger Sizes or Larger Quantities by Express.

RASPBERRIES.

Postage on	25	50	100
Heavy	16c	19c	30c
Standard	13c	15c	20c
1,000 by exp. or frt., wt. 100 lbs.			

GRAPES, CURRANTS, GOOSE-BERRIES

Postage on	5	10	25
Heavy	14c	17c	35c
Standard	13c	15c	31c

SHRUBS.

Postage on	1	3	5	10
2-3 ft....	13c	21c	27c	43c
3-4 ft....	19c	33c	47c	77c

WINDBREAK TREES.

Postage on	10	50	100
6-12 in....	11c	13c	16c
12-18 in....	12c	14c	19c
18-24 in....	13c	20c	35c
2-3 ft.—6 trees		13c	

WHAT OUR CUSTOMERS HAVE TO SAY.

F. S. & N. Co.

Sept. 9, 1936

This is to let you know the apple trees I bought from you last year (Anoka and the Whitney), are sure hardy when they will stand this cold climate of 35 to 56 below zero. They sure grew this summer in spite of the long drought we had. Everybody asks me where I bought the apple trees. I told them from the Farmer Seed & Nursery Company, so I will say always a good word for your stock and company. Wishing you good luck.

Clifford DeMars, Ranier, Minn.

F. S. & N. Co.

Oct. 3, 1936.

Four years ago last spring we bought about eighty Chinese Elms from you. We needed a windbreak badly. We have it now—perfectly wonderful trees—people drive around to see them. We cut out all but three of our other trees. We live in this little town. Now the sad news comes to us that some strains of Chinese Elms will live only five or six years. They died by the dozens about here this year, though NOT ONE of ours have gone.

Mrs. Mary Shea, Guckeen, Minn.

NEWEST HARDY FRUITS AND BERRIES

FROM GROWER TO PLANTER



The Famous Latham.

Big Yields and Sure Profits from "Certified" Raspberries

Fruit growers are making money with our "CERTIFIED" Red Raspberry plants. You can do the same. There is no secret about it and no difficulty if you start with clean, healthy, true-to-name plants and then follow our simple directions that go with every package. Red raspberries are one of the very easiest fruits to grow in the home garden and one of the most profitable to grow for market.

Minnesota Grown Raspberries BIG LUSCIOUS RED "LATHAM"

State Inspected, Mosaic-Free, Strong Plants. (See color illustration page 38.)

Latham has outstripped every other variety in point of yield and hardiness. The fruit is larger than other varieties—easy to pick and commands top market prices. In a yielding contest, Latham produced 5,430 quarts per acre. This wonderful raspberry received the highest award of state and nation in 1927 when the American Pomological Society awarded the Latham the "Wilder" medal. It is considered the highest award given to any raspberry.

FOR
POSTAGE
REQUIRED
(See Page 28)

\$500 from One Acre!

An average yield from "CERTIFIED" RED RASPBERRIES is 150 24-pint crates per acre. Many fields yield 200 crates per acre, and exceptionally good fields in good seasons go as high as 400 crates per acre. Prices vary with the locality and the season. From \$2.00 to \$3.00 a crate is considered a fair price. At only 200 crates per acre and at only \$2.50 per crate, you would have an income of \$500.00 from just one acre of "CERTIFIED" Raspberries. Planting 5x5 feet apart (northern states) requires 1,742 plants per acre. Planting 6x6 feet apart (central and southern states) requires 1,210 plants per acre.

Price, Not Prepaid	25	50	100	250	500	1,000
Standard Grade	\$0.90	\$1.55	\$2.75	\$6.35	\$9.95	\$18.85
Heavy Select	1.75	2.25	4.15	9.55	15.35	29.50

We can also supply No. 2 Medium plants Chief or Latham—for commercial planting as follows: 100 for \$1.95, 250 for \$4.35, 500 for \$7.00, 1,000 for \$13.45.

NEW "CHIEF" EARLIEST RED RASPBERRY

An Offspring of the Famous Latham—10 Days Earlier. (See page 39.)

The newest outstanding variety from the Minnesota Fruit Breeding Farm. A seedling of the famous Latham and selected for its earliness and superior quality. New Chief has been carefully tested and has proven hardy—a heavy cropper, a good shipper, resistant to disease and is ten days earlier than the Latham. We advise planting both Chief and Latham for continuous production of fruit. Chief is easily grown in any garden soil. Price same as Latham.

NEWBURGH RED RASPBERRY

The most promising new variety. Fruit very large and firm, color, bright, attractive red. In keeping and shipping qualities it has no superior. The plants are vigorous, hardy and very productive. Weight of fruit often so great that the canes bend to the ground. No mosaic has appeared in trials up to the present time and fruit growers consider this berry holds great promise for the future.

Price, Not Prepaid	25	50	100	250	500	1,000
1-Year	\$1.50	\$2.25	\$3.95	\$8.65	\$15.00	\$25.00
2-Year	2.65	4.65	6.85	15.85	29.50	52.50

CUMBERLAND BLACK RASPBERRY

The most satisfactory black variety. It is a vigorous grower, producing large size berries in great abundance. The most profitable market berry on account of its shipping qualities.

Price, Not Prepaid	25	50	100	250	500	1,000
Standard Grade	\$0.90	\$1.55	\$2.75	\$6.35	\$9.95	\$18.85
Heavy Select	1.95	2.95	5.50	12.85		

POTOMAC RASPBERRY—New Purple Cap

Introduced by the U. S. Department of Agriculture, Potomac is purple in color, the result of a cross between a black Raspberry and a red Raspberry. Vigorous, productive and disease resistant, Potomac came through the unfavorable seasons of 1934 and 1935 without winter damage and produced a heavy crop. It outyields Cumberland, and has berries of larger size and better quality.

Order Early—Supply Very Limited.

Price: One-Year Size, 25 for \$2.50, 50 for \$4.45, 100 for \$6.50, 250 for \$15.00. Postage extra—see page 28.

Blackberry—ALFRED

The hardiest of all Blackberries and a new introduction, having withstood temperatures of 30 degrees below zero, without injury. Will thrive anywhere, is fast growing and bears very early. The berries are jet black—large in size—1½ to 2 inches long, coreless, sweet and juicy. They are practically seedless and you would rejoice on having at least a few bushes in your garden.

Price, Not Prepaid	25	50	100	250	500	1,000
Standard Grade	\$0.98	\$1.65	\$2.95	\$6.55	\$10.85	\$19.85
Heavy Select	1.95	3.35	5.95	12.65	19.65	38.50

Special Prices on American Berry Baskets. (See page 26.)

NOTE—No Orders for Nursery Stock or Plants under 60c can be accepted unless 15c extra is remitted to cover the packing cost. See page 28 for postage required on nursery stock shipments.

Currants

(See color illustration on page 38.)

Currants and Gooseberries may be shipped into any state, except Connecticut, Idaho, Maine, Massachusetts, Michigan, New Hampshire, New York, Rhode Island and Vermont.

NEW RED LAKE (MINNESOTA 24)—The newest Minnesota introduction. A Currant that grows big, red berries in long clusters.

The bushes are strong and vigorous with healthy foliage. They bear regularly and produce heavily.

Red Lake makes up into beautiful sparkling bright red jelly, and we predict a wonderful future for it, for either home use or market.

Price, Standard Grade: 5 for \$1.35, 10 for \$2.25, 25 for \$4.95. Heavy Grade: 5 for \$2.45, 10 for \$4.45, 25 for \$9.65, not prepaid.

Gooseberries

CARRIE—The best variety of the Gooseberry family. A heavy yielder of good-sized fruit. Perfectly hardy and recommended by Prof. Hansen as foremost in quality and productiveness. Price: Standard Grade plants, 5 for \$1.35, 10 for \$2.55. Heavy Grade: 5 for \$1.85, 10 for \$2.95, not prepaid.

Hardy Grapes

Grapes are easily grown in any garden soil and pay the biggest dividends for the small attention required. These are the hardiest dependable sorts. Prune grapes from November to March. (Weight 10 plants, about 5 lbs.)

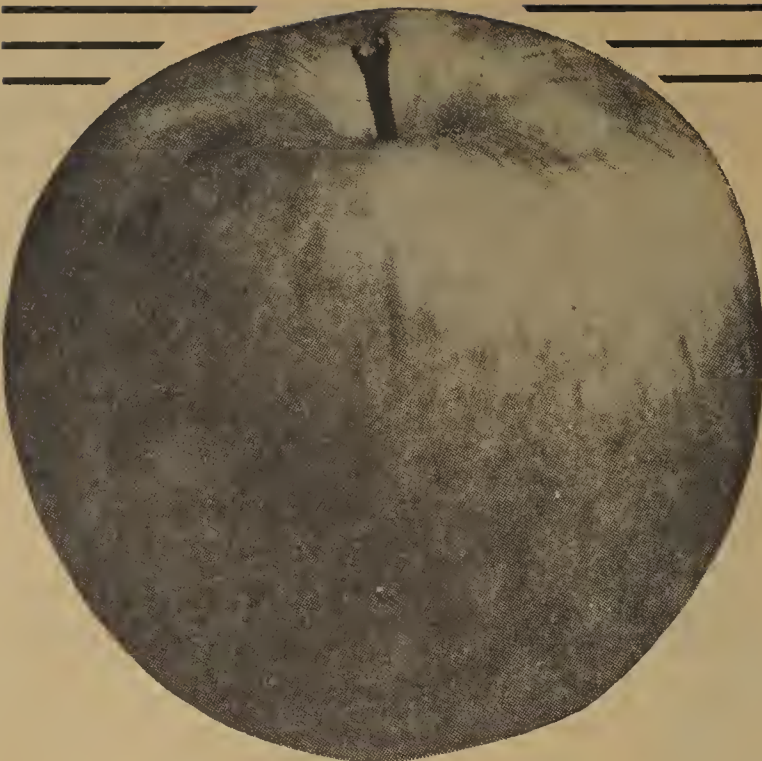
NEW FREDONIA—A new, outstanding black variety. The earliest good large berried Grape for the Northwest. Vines are vigorous and productive and ripen their fruit three weeks earlier than Concord. Clusters are of medium size, very compact and berries large and round. Skin thick and tough; flesh is juicy and the flavor excellent. This Grape offers a great opportunity for market or home use. Plants none too plentiful—order early. Price, Standard Grade: 5 for \$1.10, 10 for \$1.95, 25 for \$3.95. Heavy Grade: 5 for \$1.35, 10 for \$2.35, 25 for \$4.95, not prepaid. Illustration page 39.

BETA—Is as hardy as the wild Grape and produces heavy crops every year. The fruit is of medium size, black, good quality, ripens early, so can be grown far North. Beta Grapes easily sell at \$2.00 per bushel. There is a good demand for the fruit for jelly and grape juice. Price, Standard Grade: 5 for 75c, 10 for \$1.35, 25 for \$3.15. Heavy Grade: 5 for 95c, 10 for \$1.75, 25 for \$3.85, not prepaid.

CONCORD—Large purplish black fruit, ripens middle of September. Suited to southern half of Minnesota with winter covering. Price, Standard Grade: 5 for 60c, 10 for 90c, 25 for \$1.95. Heavy Grade: 5 for 85c, 10 for \$1.20, 25 for \$2.45, not prepaid.

APPLES PLUMS

THE LATEST
INTRODUCTIONS
BY THE FRUIT
BREEDING FARMS
OF THE NATION.



Haralson—The All-Winter Apple.

BIG OPPORTUNITIES
IN FRUIT GROWING
NOW OPEN TO ALL
AT SMALL COST.

Distance Apart to Plant

Apple and Pear Trees should be planted 15 ft. apart in rows and the rows 30 ft. apart; 48 trees will plant an acre.

Plum Trees should be planted 18 ft. apart each way; 134 trees will plant an acre.

Cherry Trees should be planted 10 ft. apart in rows, with rows 18 ft. apart; 544 trees will plant an acre.

PLUM SECRETS DISCOVERED BY STATE

For years failure of certain Plum Trees to bear, baffled fruit growers. Now the Experiment Station has discovered that it takes certain varieties of Plums to pollinate other trees. Plum Trees must have the right mate and the Surprise Plum is the answer. When this Plum was used to pollinate, a bumper crop invariably resulted. See description below.

— THE BEST IN APPLES —

See Color Illustrations, Pages 38-39

THE BIG RED HARALSON APPLE—

The prize origination of the Minnesota Experiment Station. No finer red winter apple has ever been introduced. The outstanding feature of the Haralson is its keeping quality—keeping in perfect condition until late spring. The Haralson is free from blight and best of all, has the tendency to bear early. Haralson orchards, therefore, come into bearing much more quickly than most other varieties. Haralson produces a good size, deep red apple of excellent flavor. Prices: See below.

Prof. W. H. Alderman, Chief, Division of Horticulture, University of Minnesota, says of Haralson:—"Its size, shape, and color are just right for an ideal commercial apple. The tree is extremely vigorous, productive and hardy. The branches spring at wide angles from the central trunk and are very strong in the crotches. The fruit will keep in an ordinary cellar throughout the winter without artificial refrigeration."

ANOKA—THE SURPRISE APPLE—

Fruit, the second season—wouldn't that surprise you? A real quality apple, early to ripen, of fine color and excellent flavor. This sturdy little tree bears the second year, and each year thereafter, resisting blight and producing a consistent crop of fruit. It is well suited for the Northwest. A one-year-old tree at the Fargo Agricultural Experiment Station bore 26 good apples the second year. Prices: See below.

McINTOSH RED—This variety has come into rapid favor as one of the most important fall and early winter varieties. Large orchards are being set out with McIntosh Red predominating. An exceptionally fine eating apple, of good size, bright red color, and a delicious aromatic flavor. Season, January. Prices below.

NORTHWESTERN GREENING—The fruit is very large, smooth, handsome, turning yellow as it matures. This is one of the best baking and cooking apples for late winter and spring. Season December to March. Prices: below.

WEALTHY—The leading apple for its season throughout the Northwest. The fruit is large, a beautiful shade of deep red, and the flavor excellent. It is one of the best eating apples that can be grown in the Northwest and ranks with Haralson in quality and commercial value. A good keeper and heavy yielder. Prices below.

DOUBLE RED DUCHESS—A new improvement. Possesses all the good qualities of the Old Duchess including the early ripening, hardiness, and heavy regular bearing. In addition, it has **HIGH RED COLOR**. This outstanding red color makes Double Red Duchess a favorite on the market, and brings 50c to \$1.00 a basket more. Prices: See below.

DOLGO—THE LAWN TREE CRAB—The aristocrat of the Crab Apple family. It has rare beauty as an ornamental lawn tree. It is not subject to blight as were the old varieties and is perfectly hardy. Bears an abundance of fruit and no long wait, for young baby trees have been known to bear fruit the third season. The apple itself is a very rich red and jells perfectly even when dead ripe. A fine canning crab. Prices below.

WHITNEY CRAB—This well-known favorite hardly needs description. A favorite in the home for canning and preserving. Boys like it because it is so good to eat off the trees. Fruit is of good size—very highly colored—free bearer, producing immense crops. Prices: See below.

YELLOW TRANSPARENT APPLE—No orchard should be without these delicious golden yellow apples. Good to eat long before other sorts are ready. Fruit large, yellow with crisp meat and delicious flavor. Prices below.

NEW JUMBO PLUMS

See Color Illustrations, Pages 38-39

NEW EMBER. (Minnesota No. 83.) A new plum originated at the Minnesota Fruit Breeding Farm, Professor W. H. Alderman, Chief, Division of Horticulture, says: "Minnesota No. 83 is a late plum of good size and has exceptionally fine dessert and cauning qualities. It is yellow with attractive red blush. It hangs to the tree tenaciously even at full maturity, and after picking will keep in good condition for two or three weeks." Prices below.

SUPERIOR PLUM. (Minnesota 194.) A wonderful new hardy Plum originated at the State Fruit Breeding Farm by crossing big California Burbank varieties. After testing it in various sections, it was christened "Superior" by the State Horticultural Society. It is as large as California Plums, surpassing them in quality and hardiness. It has a firm flesh, a beautiful red color and peels like a peach. Prices below.

KAGA—An outstanding canning plum, originated by Prof. Hausen of the S. D. Agricultural College. Has a distinct delicious flavor, and is sometimes called the apricot plum. For canning or jam it is unsurpassed, though smaller in size than Underwood and Superior. It is also indispensable as a pollinator. Prices below.

UNDERWOOD—The best known of the many Plums originated at the Minnesota Fruit Breeding Farm. Bears annually, is of large size and excellent flavor; flesh firm, small pit. It may be readily peeled for canning. Underwood and Surprise should be planted close together to insure setting of fruit. Prices below.

SURPRISE—A sweet juicy plum, excellent to eat out of hand. Surprise is also an efficient pollinator for Jumbo plums or for any common plums. Prices: See below.

Add 15c
for Packing on
Orders Less than 60c.

PRICES HARDY NORTHERN APPLE AND PLUM TREES

Prices Not
Ppd. For Postage
Required See Page 28.

APPLE TREES	Size	Each	3	10
Anoka (color, page 38)	2-3 ft.	\$0.40	\$1.15	\$3.45
Anoka	3-4 ft.	.50	1.40	3.95
Anoka	4-5 ft.	.70	1.95	5.95
Red Duchess	2-3 ft.	.40	1.15	3.45
Red Duchess	3-4 ft.	.50	1.40	3.95
Red Duchess	4-5 ft.	.70	1.95	5.95
Haralson, page 38.2-3 ft.		.50	1.40	3.95
Haralson	3-4 ft.	.60	1.65	4.95
Haralson	4-5 ft.	.80	2.25	6.95
McIntosh	3-4 ft.	.60	1.65	4.95
McIntosh	4-5 ft.	.80	2.25	6.95
Yel. Transparent. 3-4 ft.		.50	1.40	3.95
Yel. Transparent. 4-5 ft.		.70	1.95	5.95

APPLE TREES	Size	Each	3	10
N. W. Greening.	2-3 ft.	\$0.40	\$1.15	\$3.45
N. W. Greening.	3-4 ft.	.50	1.40	3.95
N. W. Greening.	4-5 ft.	.70	1.95	5.95
Wealthy, page 39. 2-3 ft.		.40	1.15	3.45
Wealthy	3-4 ft.	.50	1.40	3.95
Wealthy	4-5 ft.	.70	1.95	5.95
Dolgo	2-3 ft.	.50	1.40	3.95
Dolgo	3-4 ft.	.60	1.65	4.95
Dolgo	4-5 ft.	.80	2.25	6.95
Whitney	2-3 ft.	.40	1.15	3.45
Whitney	3-4 ft.	.50	1.40	3.95
Whitney	4-5 ft.	.70	1.95	5.95

PLUM TREES	Size	Each	3	10
New Ember	3-4 ft.	\$1.00	....	....
New Ember	4-5 ft.	1.15	....	....
Kaga (Pollenizer)				
Standard	2-3 ft.	.40	\$1.15	\$3.45
Kaga, Standard.	3-4 ft.	.50	1.40	3.95
Kaga	4-5 ft.	.75	2.10	6.45
Superior, page 39. 2-3 ft.		.40	1.15	3.45
Superior	3-4 ft.	.50	1.40	3.95
Superior	4-5 ft.	.75	2.10	6.45
Surprise (Polnznr). 2-3 ft.		.85	....	....
Surprise (Polnznr). 3-4 ft.		1.00	....	....
Surprise	4-5 ft.	1.15	....	....
Underwood	2-3 ft.	.40	1.15	3.45
Underwood	3-4 ft.	.50	1.40	3.95
Underwood	4-5 ft.	.75	2.10	6.45

Minnesota Cherries and Pears

Hardy Cherries

(See illustration on page 38.)

Enjoy ripe cherries from your own trees. Eat them fresh—make delicious jams and preserves, and can them as sauce. You don't have to wait a long time for these trees to bear. Under ordinary conditions they will begin to fruit the second season, with increasing quantities thereafter.

SAPA CHERRY

Its beautiful wine-red color, excellent quality and delicious flavor have made Sapa the most popular cherry for northwest fruit farms. It is a large sized hybrid cherry with small pit. Thin skinned, purple-red outside, with rich dark wine-colored flesh.

Sapa should be grown in bush form and pruned severely to encourage growth of new shoots that will fruit heavily and regularly. The Compass Pollinator Cherry listed below should be included in every Sapa planting.

OKA CHERRY

A fine hardy hybrid cherry, with skin and flesh a rich purple-red color. The meat is firm, juicy and of superb flavor. The trees are immensely productive and fruit regularly. Should be grown in bush form as suggested for Sapa. For best results plant with Compass Pollinator Cherry.

COMPASS CHERRY

Indispensable as a Pollinator for Sapa and Oka.

Hardy throughout the Northwest and Canada. Fruit is black, of medium size and good quality. Makes delicious pies, preserves, etc.

Plant a Compass Pollinator to every 8 or 10 trees of Sapa and Oka.



Tait Pear—Ideal for the Northwest.

Hardy Pears

(See illustration on page 39.)

Delicious pears can now be successfully grown in the Northwest. The new varieties listed below, are the result of years of persistent effort to develop pears for the northern territory. The result is a fruit that compares in size, flavor and productivity with those of the chief fruit-growing states.

PARKER PEAR

(Minnesota No. 1)

Introduced by the Minnesota State Fruit Farm, this splendid pear has been well tested in different parts of the state, and is now recommended for general planting in the southern half of Minnesota and similar latitudes. The fruit is medium to large, with smooth medium thick skin; color, yellow-bronze with faint blush. Flesh is fine-grained, tender, sweet and juicy. Fruit ripens in early September.

PATTEN PEAR

Originated by Chas. Patten a number of years ago, this pear has been thoroughly tested and is now recommended for planting in southern Minnesota and suggested for trial in favorable locations farther North. The fruit is of good size, resembles Bartlett in form and color; very tender, juicy and of good quality. Season September.

TAIT PEAR

Hardest of all pears, the Tait was originated in Ontario, Canada, and has endured temperatures of 40 degrees below zero, according to the originator, Mr. Tait. It is resistant to blight; the fruit is yellow, of medium size and good quality. The tree is a fine upright grower and very productive.

PRICES

Of Cherries and Pears

Cherries	Size	Each	3	10
Oka	.....18-24 in.	\$0.40	\$1.15	\$3.45
Oka	..... 2-3 ft.	.50	1.40	3.95
Sapa	..... 2-3 ft.	.40	1.15	3.45
Sapa	..... 3-4 ft.	.50	1.40	3.95
Compass	.. 2-3 ft.	.50	1.40	3.95
Compass	.. 3-4 ft.	.60	1.65	4.85
Pears				
All	..18-24 in.	.60	1.65	
Varieties	.. 2-3 ft.	.70	1.95	
	.. 3-4 ft.	.90	2.55	

Postage Schedule on page 28.

Hardy Hedge Plants

For a fence that is friendly, ornamental and permanent.

POSTAGE REQUIRED

Size 12-18 in.	Size 18-24 in.
11c for 10 plants	13c for 10 plants
20c for 50 plants	25c for 50 plants
25c for 100 plants	35c for 100 plants

CHINESE HEDGEWOOD

Extremely hardy, drought resistant and a quick, compact grower. Covered with small, bright green foliage from early spring until late fall. Forms a dense screen. Can be grown to any height desired.

Price:	10	50	100
12-18 in.....	\$0.50	\$1.85	\$3.50
18-24 in.....	.75	2.60	4.85
2-3 ft.....	.95	3.95	7.85



Chinese
Hedgewood
is
dense,
bushy
and
compact.

JAPANESE BARBERRY

Thunbergi. Makes a neat, low boundary. Can be trimmed or grown naturally. Foliage turns to brilliant crimson in fall; branches are covered with scarlet berries.

Price:	10	50	100
12-15 in.....	\$0.85	\$3.35	\$6.15
15-18 in.....	1.25	4.35	8.35
18-24 in.....	1.50	5.35	9.95

BUCKTHORN

A very hardy and dense tight ornamental hedge. Properly sheared will give a very formal effect.

Price:	10	50	100
12-18 in.....	\$0.85	\$2.65	\$5.15
18-24 in.....	1.15	3.65	6.95

SPIREA VAN HOUTTEI

Bridal Wreath. Most popular flowering hedge. The graceful, drooping sprays are ideal for growing untrimmed.

Price:	10	50	100
12-18 in.....	\$1.25	\$5.00	\$8.00

CARAGANA

Numerous twiggy branches, covered with bright green fern-like leaves. A supreme hedge plant for severe climates, poor soil and dry locations. Can be pruned to any desired height.

Price:	10	50	100
12-18 in.....	\$0.50	\$1.50	\$2.25

Japanese Hedge Cherry

The Modern Hedging for the Modern Home

New



Japanese Hedge Cherry has fine, clean foliage, and miniature blooms of a blush rose color, followed by small, shiny, wine-red cherry fruits. Makes a compact hedge quickly and requires less trimming than other hedgings. Combines beauty, hardiness and economy.

Special Introductory Price:

	10	50	100
12-18 in.....	\$0.95	\$2.95	\$5.00
18-24 in.....	1.35	4.35	7.45

Plant Tall-Growing Hedges for Back Yard Seclusion—Low Hedges Along the Walk or Boundary Line

HARDY SHADE AND ORNAMENTAL TREES

AT DIRECT FROM GROWER PRICES

BIRCH, WEeping CUT LEAF—Beautiful cut leaf, drooping foliage. A fast grower and very showy with its white bark.

Price: 5-6 ft. \$2.50 each, 2 for \$4.85; 6-8 ft. \$2.95 each, 2 for \$5.85, not prepaid.

BIRCH, WHITE—A graceful tree with white bark—very desirable as a lawn tree.

Price: 5-6 ft. \$1.25 each, 2 for \$2.45; 6-8 ft. \$1.45 each, 2 for \$2.85, not prepaid.

BUTTERNUT, OR WHITE WALNUT—A graceful, spreading tree that is valued for its tropical appearance and beautiful wood, as well as for its nuts. Perfectly hardy in the Northwest.

Price: 5-6 ft. \$1.00 each, 2 for \$1.85; 6-8 ft. \$1.35 each, 2 for \$2.55, not prepaid.

CRAB, HOPA AND DOLGO—Two outstanding ornamental trees producing fire red fruit, especially valuable for jells. The foliage is beautiful and red in the early stages. Flowers appear in immense clusters covering the entire trees—very fragrant.

Price: 3-4 ft. \$1.00 each, 2 for \$1.90; 4-5 ft. \$1.50 each, 2 for \$2.90, not prepaid.

CRAB, RED SILVER FLOWERING—A flowering lawn tree. Produces profuse red blooms, followed by maroon red fruit which hangs on late into the winter.

Price: 3-4 ft. \$1.00 each, 2 for \$1.90; 4-5 ft. \$1.50 each, 2 for \$2.90, not prepaid.

ELM, AMERICAN—The most popular of hardy native trees. Grows very tall, graceful and spreading, with drooping foliage. Always a favorite shade tree. Transplanted trees.

Price: 6-8 ft. 60c each, 2 for \$1.10; 8-10 ft. \$1.00 each, 2 for \$1.85, not prepaid.

ELM, CHINESE SIBERIAN—The fastest growing, most satisfactory shade, ornamental or windbreak tree. It is very hardy and its resistance to drought, alkali and extremes of temperature render it especially valuable. The Chinese Elm is adapted to any part of the United States, and will grow to a height of 60 feet, attaining a girth of 12 feet. Luxurious shade may be enjoyed in just a few years and some specimens have reached a height of 23 to 25 feet in four years, with a spread of 18 feet. (See illustration, page 37.)

Price: 2-3 ft., Baby Shade Trees, 8 for \$1.00, prepaid.

Prices (not prepaid):	Each	2 for	4 for	10 for	100 for
3-4 ft., standard	\$0.50	\$0.95	\$ 2.25	\$17.85
3-4 ft., heavy60	1.10	2.60	24.65
4-5 ft., standard70	1.25	2.95	28.00
4-5 ft., heavy90	1.65	3.95	38.00
5-6 ft., standard	\$0.55	1.00	1.85	4.45
5-6 ft., heavy65	1.20	2.30	5.45
6-8 ft., standard95	1.80	3.45	8.45
6-8 ft., heavy	1.25	2.40	4.65	11.45
8-10 ft., standard	1.75	3.25	.....	.....
8-10 ft., heavy	2.00	3.85	.....	.....

LINDEN, AMERICAN (BASSWOOD)—Valuable tree for street or lawn planting—a rapid grower and perfectly hardy. Grows in pyramidal form, has large leaves and fragrant flowers.

Price: 5-6 ft. \$1.00 each, 2 for \$1.90; 6-8 ft. \$1.50 each, 2 for \$2.85, not prepaid.

MAPLE, HARD OR SUGAR—The King of Maples—straight, spreading, symmetrical in form. A fast grower—attaining immense size—frequently 100 ft. tall. Beautiful foliage, especially in autumn when leaves turn to clear yellow and scarlet.

Price: 4-5 ft. 60c each, 2 for \$1.00; 5-6 ft. 85c each, 2 for \$1.65, not prepaid.

MAPLE, SILVER OR SOFT—Because of its quick growth and good foliage, this tree is in big demand. The leaves appear early in spring, are bright green in color with the lower side silvery. Good for quick effect.

Price: 6-8 ft. 85c each, 2 for \$1.65, not prepaid.

MOUNTAIN ASH, EUROPEAN—Very fine for lawn planting and exceptionally showy with its large clusters of bright orange berries in autumn. Beautiful dark green foliage, well shaped and very ornamental.

Price: 5-6 ft. \$1.15 each, 2 for \$2.20; 6-8 ft. \$1.45 each, 2 for \$2.80, not prepaid.

POPLAR, LOMBARDY—Very picturesque, tall growing tree. Used extensively for landscape effect, also in screen planting. Rapid grower.

Price: 5-6 ft. 50c each, 2 for 90c; 6-8 ft. 75c each, 2 for \$1.45, not prepaid.

WALNUT, BLACK—A sturdy, long-lived, dependable shade tree that combines beauty with usefulness. The nuts from these trees are highly prized, especially for cakes and candies. A group of our Native Black Walnut Trees should be on every farm.

Price: 2-3 ft. 25c each, 2 for 45c, not prepaid.

WILLOW, GOLDEN WEEPING—(Niobe.) A golden-barked tree with graceful, drooping branches. The hardiest and most beautiful of all weeping trees.

Price: 3-4 ft. 50c each, 2 for 85c; 4-5 ft. 75c each, 2 for \$1.45; 5-6 ft. \$1.25 each, 2 for \$2.45, not prepaid.

NORWAY MAPLE—One of the most beautiful and desirable trees known. Of large size, perfect outline, with deep green foliage, which turns to a pale yellow in autumn. Desirable trees for street, park and garden. The leaves in the spring first appear red, later turning green.

Price: 6-7 ft. \$1.00 each, 2 for \$1.75; 7-8 ft. \$1.45 each, 2 for \$2.45, not prepaid.

SCHWEDLERI RED MAPLE—The (Schwedleri) maple's beautiful leaves are attractive at all seasons but are especially fine in spring when the gleaming purple and red leaves contrast brightly with the green of other trees. They turn purplish-green in midsummer and golden yellow in the fall.

Price: 7-8 ft. \$2.25 each, 2 for \$4.35, not prepaid.

RUSSIAN GOLDEN WILLOW—Very beautiful golden branches, rapid grower, does well in low locations. Grows more rapidly than the ordinary willow. They make a large tree.

Price: 6-8 ft. 65c each, 2 for \$1.00, 4 for \$1.75, 10 for \$3.95, not ppd.



Lombardy Poplars are excellent for screening and for sky-line effect.

HARDY WINDBREAK TREES

The recent drought years have taught important lessons with reference to the planting of windbreak trees.

Green Ash ranks at the head of the list, in its ability to survive in regions of scanty rainfall. Chinese Elm has also demonstrated that it is an outstanding tree in sections too dry for most other trees, and on account of its habit of branching close to the ground it is a good tree for the outer rows of a shelter belt.

Caragana may be used also but does not attain the height of the Chinese Elm, while Russian Olive may be used in upland locations. It is recommended that Ash and Chinese Elm be alternated either in the row, or that the alternate rows of each be used.

For a low spot, too wet for other trees to thrive, the Laurel Leaf Willow is best suited.

We offer the hardest recommended varieties for planting in the Northwest, and advise planting two to five or even six rows for real effectiveness. Rows to be 10-12 ft. apart, and the trees 4-5 ft. apart in the rows.

PRICES—HARDY WINDBREAK TREES

Prices (not prepaid):	Size	10	50	100	500	1,000
Ash, Green (Seedlings)	12-18 in.	....	\$1.00	\$1.50	\$ 7.00	\$12.85
	18-24 in.	....	1.35	2.15	8.85	16.65
	2-3 ft.	....	1.95	2.95	12.45	23.85
Caragana	6-12 in.	....	1.00	1.70	8.35	14.35
	12-18 in.	....	1.45	2.20	10.65	19.45
Elm, American (S'dl'gs)	12-18 in.	....	....	1.15	5.65	9.85
	18-24 in.	....	....	1.65	7.35	13.95
	(Seedlings) 2-3 ft.	....	....	2.45	10.85	19.35
Elm, Chinese	Standard 8-12 in.	....	....	1.35	5.95	10.65
	Standard 12-18 in.	....	....	1.85	7.95	14.35
Extra heavy branched	12-18 in.	....	....	2.35	9.85	18.35
	Standard 18-24 in.	.....	\$0.50	1.75	2.55	10.65
Extra heavy branched	18-24 in.	.60	2.15	2.95	12.65	23.45
	Standard 2-3 ft.	.70	2.25	3.25	14.63	28.45
Extra heavy branched	2-3 ft.	.90	2.85	4.25	18.95	....
	Standard 3-4 ft.	1.00	4.10	7.45	33.35	....
Extra heavy branched	3-4 ft.	1.65	5.65	9.85	45.00	....
Honey Locust (Thornless)	12-18 in.	....	1.35	1.95	9.65	18.00
	18-24 in.	....	1.45	2.55	11.95	22.35
Russian Olive	12-18 in.	....	1.75	2.95	14.85	25.65
Laurel Leaf Willow	18-24 in.	....	....	1.95	9.65	18.00
	2-3 ft.	....	....	2.95	14.35	25.00
	3-4 ft.	....	....	3.65	17.85	33.00
Walnut Black	12-18 in.	.75	1.95	3.15	14.65	....
	18-24 in.	.90	3.00	4.65	....	....

Postage Required for Shade and Windbreak Trees

Small size trees can be sent by Parcel Post. See Page 28 for postage required. Large size trees or large orders are shipped express or freight. Add 15c for packing on Nursery orders less than 60c.

NO PACKING CHARGE ON LARGER ORDERS!

MINNESOTA STANDARD WINDBREAK

Recommended by the Minnesota Department of Conservation. Full instructions for laying out windbreak and how to plant it, with every order. Shipped as one unit—no changes can be made in the assortment. See your County Agent for further information, or write for special folder giving details. Don't pass up this opportunity to get a \$100.00 windbreak for \$22.50.

Acreage required for these trees...1 2/3 acres

Area in snow trap1 1/4 acres

Total area of windbreak ..2 4/5 acres

Special Offer

500 Caragana, 10-15 in., 1 year size.
150 Cottonwood, 18-30 in., 1 year size.
325 Green Ash, 10-15 in., 1 year size.
100 American Elm, 10-15 in., 1 year size.
100 White Spruce, 4-year old stock.

1175 TREES All For \$22.50

F. O. B. Faribault.

Worth Four Times the Price.



Double Row Chinese Elm Windbreak, 2 Years After Planting.



Attractive Group Planting of Pyramidal Arbor Vitae, Colorado Blue Spruce, Mugho Pine and Juniper.

SPRUCE, COLORADO BLUE (*Picea pungens*). A tree developing unusual form—a broad pyramid thickly studded with branches clear to the ground, covered with heavy lustrous foliage of varying tones—sometimes deep green, again touched with silver, while others have a decided blue tinge. A magnificent evergreen, hardy, vigorous and so richly colored that it makes a striking display planted singly or in groups.

We cannot guarantee the exact color, but many of them will develop into very fine blue specimens if given time and good care. These trees were all grown from seed gathered from select Blue Shiners, but do not show blue to any extent until they become 18 to 24 inches high. Well rooted, three times transplanted. Prices: 18 to 24 inches, \$1.65 each, 2 trees for \$3.00. 2 to 3 feet, \$1.95 each, 2 trees for \$3.85, 3 to 4 feet, \$2.50, 2 trees for \$4.50, not prepaid.

SPRUCE, COLORADO BLUE SHINERS (*Picea pungens glauca*). The "Extra Blue" trees—trees of magnificent form, as their thick branches climb in even layers from a broad base to a tapering crown, with heavy, lustrous foliage reflecting the most glorious silver and blue tones. Small wonder that this evergreen gets more admiration than any other—that deep in the heart of everyone is the longing to some day own a real Blue Spruce. Well rooted, heavy specimens, three times transplanted. These Shiners are all shipped with ball of earth burlapped on roots. Price: 18 to 24 inches, \$4.00 each, 2 trees for \$7.00. 2 to 2 1/2 feet, \$5.00 each, 2 trees for \$9.00. 2 1/2 to 3 feet, \$7.00 each, 2 trees for \$13.00. 3 to 4 feet, \$9.00 each, 2 trees for \$17.00. All balled and burlapped, not prepaid.

DWARF MUGHO PINE—A very hardy, dwarf, bushy and compact tree. Easily controlled by trimming. Will thrive in most any location. Requires but little space and is especially desirable for landscape planting and foreground position. Dark, rich green foliage with long, stiff needles. Twice transplanted. Price: 12 to 15 inches, \$1.00 each, 2 trees for \$1.85, 15 to 18 inches, \$1.25 each, 2 trees for \$2.20, 18-24 inches, \$1.75 each, 2 for \$3.20, not prepaid.

SAVIN JUNIPER—Beautiful trailing Juniper—favorite of all landscape planters. Has dark green tufted foliage, covering dense spreading branches—makes a very pleasing finish to foundation group by planting in foreground. Extremely hardy—will grow most anywhere—seldom over three feet high at maturity. Price: 18-24 inches, \$1.75 each; two for \$3.35, not prepaid.

CHOICE SPECIMEN EVERGREENS

Modern plantings nearly all include Evergreens. A group of fine Evergreens will greatly enhance the value of any property.

Plants not marked B. B. may be had with ball of earth for 50c each, additional. Prices quoted are not prepaid.

AMERICAN ARBOR VITAE—One of the most valuable native Evergreens that is very easy to grow. Will thrive in most any situation—is suitable for ornamental planting, hedging or windbreak. Develops a compact, graceful pyramid. Can be easily controlled by trimming. Price: Specimen stock, three times transplanted. 2 to 3 feet, heavy trimmed specimens, 85c each, 2 trees for \$1.55, 3-4 feet, \$1.25 each, 2 for \$2.35, not prepaid.

PYRAMIDAL ARBOR VITAE—The outstanding dwarf ornamental Evergreen for home planting. Can be used close to the house or walk. Most effective in groups or pairs when used for ornamental planting. Grows compact and is of natural pyramidal form. Three times transplanted trees. Price: 24 to 30 inches, \$1.50 each, 2 trees for \$2.85. 30 to 36 inches, \$1.75 each, 2 trees for \$3.35, not prepaid.

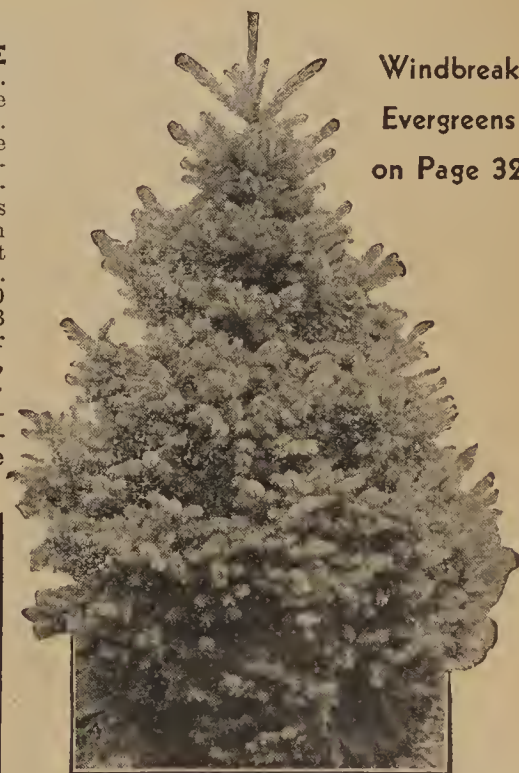
SILVER JUNIPER—Forms a narrow compact symmetrical pyramid of light silver—so decorative, especially for entrance planting, or rounding out the corners of a foundation group. Can be trimmed as desired and will attain a height of 12 to 15 feet at maturity if untrimmed. Considered one of the foremost Evergreens in landscape planting. Price: 24-30 inch, \$2.75 each—two for \$5.25. Size 30-36 inch, \$3.25 each—two for \$6.35, not prepaid.

BLACK HILLS SPRUCE—The living Christmas Tree. Extensively used for landscape planting, also for windbreak. Belongs to the White Spruce family; grows very bushy, compact and symmetrical. Has unusually thick foliage, and is easy to grow. Choice specimen trees with a well-developed root system, twice transplanted. Price: 18 to 24 inches, \$1.50 each, 2 trees for \$2.75. 2 to 3 feet, \$2.00 each, 2 trees for \$3.65, 3 to 4 feet, \$2.85 each, 2 trees for \$5.45, not prepaid.

Personally selected Evergreens in the field—at somewhat higher prices, and will be quoted when selected.

POSTAGE ON EVERGREENS

Small size Evergreens, not balled and burlapped, can be sent Parcel Post. See Page 28 for Postage required. Heavy shipments sent express or freight.



Black Hills Spruce.

Windbreak
Evergreens
on Page 32



Pink Radiance—
a glowing
carmine-pink.

ROSES ~



for Fragrance, Beauty and Continuous Bloom.

WE offer a select assortment of the Better Roses for outdoor planting. Vigorous and free flowering, they have proven worthy under many different climatic conditions and are absolutely hardy and dependable. Enjoy them this summer in your garden.

SPECIAL ROSE VARIETIES

FRAU KARL DRUSCHKE. Hybrid Perpetual. This is the ideal hardy white rose. The snow-white, long buds are shaded pink, and open to immense, perfectly double flowers, often 4 inches across. Pure in color, perfect in form, strong grower and remarkably free flowering.

GENERAL JACQUEMINOT. Hybrid Perpetual. Scarlet-crimson buds, opening to clear red flowers of moderate size and excellent shape. The standard red for years. Extremely hardy.

GRUSS AN TEPLITZ. Hybrid Tea. Color, richest scarlet, shading to velvety crimson. Very fragrant. A free strong grower and continuous bloomer. An ideal garden rose succeeding under the most ordinary conditions.

PINK RADIANCE. Hybrid Tea. A brilliant carmine-pink with salmon-pink and yellow shadings at base of petals. Of vigorous heavy growth, producing its large, double flowers throughout the most unfavorable hot weather when many other varieties fail. See color illustration and special rose collection offer on page 37.

RED RADIANCE. Hybrid Tea. Large, globular double blooms of a clear brilliant red. A vigorous grower, with heavy canes and healthy foliage. One of the most dependable roses as it always blooms regardless of weather conditions.

TALISMAN. Hybrid Tea. Brilliant red and gold buds opening to well-shaped blooms of scarlet-orange and rich yellow. The finest of all garden roses for cutting. Constantly in bloom. The plant is strong and vigorous with healthy disease-resistant foliage.

RUGOSA ROSES

AMELIA GRAVEREAUX. Double fragrant flowers of bright cerise-red. One of the finest Hybrid Rugosas.

BELLE POITEVINE. Queen of the Pinks. Clusters of double magenta-pink roses over a long season.

F. J. GROOTENDORST. Produces full clusters of small semi-double roses of a bright crimson; resembles the Crimson Baby Rambler. Always in bloom.

HANSA. Large double fragrant flowers of a rich wine-red color. Handsome dark green foliage. Of sturdy growth, with long blooming season.

SIR THOMAS LIPTON. Fragrant, double white blooms in clusters. Early and free flowering.

Rose Arbor Special
Climbing Roses—your
choice of any of the varieties
listed below. **\$1.45**
Postage extra, 25c.

PRICES OF ABOVE ROSES
Strong 2-yr. field grown plants, Two for 70c;
Four for \$1.30; Ten for \$2.90.
Postage 13c for 2; 19c for 4; 25c for 6;
31c for 10 plants.

Hardy Rose Offer
Your choice of any six
Roses listed above. **\$1.85**
Postage extra, 25c.

Winter Care of Roses

Before the ground freezes in fall, mound the earth up around the stems of all Bush Roses to a height of 12 inches. Wrap the tops well with leaves and burlap.

Lay canes of Climbing Roses on the ground, and cover with 6 inches of earth and straw or leaves. Do not remove covering until all danger of freezing is past in spring.

*Insecticides for controlling aphids or
lice on Roses are described on page 73.*

Climbing Roses ~ Ornamental Vines

To Adorn the Trellis...

CRIMSON RAMBLER. Large clusters of bright crimson miniature Roses in June. An old favorite.

DOROTHY PERKINS. Soft shell-pink, flowering profusely in large clusters. Very fragrant and lasting.

FLOWER OF FAIRFIELD. Also known as the "Everblooming Crimson Rambler." Bears large clusters of beautiful crimson blooms throughout the summer.

GARDENIA (Climbing Rose). Early. Yellow. Of rampantly vigorous growth and splendid foliage. Bright yellow buds open to creamy white flowers, delightfully fragrant. Blooms better on old wood.

PAUL'S SCARLET CLIMBER. Most brilliant of all roses. Color, a vivid scarlet; flowers semi-double, produced in clusters on much-branched canes. Illustrated in color on page 37.

TAUSENDSCHOEN (Thousand Beauties). Delicate soft pink buds deepening to carmine as they open. Flowers are borne 10-15 in a cluster.



ENGELMAN'S IVY (Ampelopsis engelmanni). Produces dense, clean foliage which turns to intense scarlet in fall. Clings without support to stone, brick or stucco. Absolutely hardy; withstands heat and drought. 2-yr. vines, 30c each; 4 vines for \$1.00, not prepaid.

For Shade and Beauty...

BITTERSWEET (Celestrus scandens). Rapid-growing, native climber, with glossy foliage; bears orange-crimson berries in fall. 2-yr. vines, 35c each; 3 vines for 95c.

CLEMATIS JACKMANI. The popular large-flowering clematis with gorgeous flowers of velvety purple-violet. Beautiful on a trellis or lattice. Produces its flowers on new wood growth and must be cut back severely each spring. Requires winter protection. 2-yr. vines, 75c each; 2 vines for \$1.25.

CLEMATIS PANICULATA. Excellent flowering vine for covering porches and arbors. In late summer it forms a dense sheet of fragrant, white starry flowers. 2-yr. vines, 45c each; 2 vines for 78c.

MATRIMONY VINE (Lycium chinensis). A good trailer to cover steep slopes and terraces. Large red berries follow the bright purple flowers. 2-yr. vines, 25c each; 5 vines for \$1.00.

SCARLET TRUMPET HONEYSUCKLE. Handsome twining vine which can be used to cover fences, embankments or lattices. Produces a steady succession of bright scarlet, tubular flowers. 2-yr. vines, 45c each; 2 vines for 78c.

Prices of Climbing Roses

Two for 60c; Four for \$1.10.

For Postage add 13c for 2; 19c for 4 plants.

For Postage and Insurance on Vines

ADD

11c for one	13c for two
15c for three	17c for four
	19c for five

Gorgeous PEONIES

THE PEONY—favorite hardy garden perennial for generations has magnificent blooms rivaling the largest chrysanthemums in size and cutting quality. Easily grown from roots, the plants are practically everlasting. They require a sunny position.

Ask for our Leaflet on Peony Culture.

Pink Shades

EDULIS SUPERBA (Early). Beautiful deep rose pink. Opens for Decoration Day here in Minnesota. Each 50c, prepaid.

LA PERLE (Midseason). Clear light pink with deeper center. Strong stems. Extra-fine cut flower. Each 60c, prepaid.

LIVINGSTONE (Late). Deep pink, center petals flecked with carmine. Very fragrant. Each 50c, prepaid.

MARIE CROUSSE (Late Midseason). Delicate shell-pink, bordering on salmon. Color so pure and clear it attracts the eye among a hundred different pinks. Each 60c, prepaid.

MONS. JULES ELIE (Early). An immense self-colored flesh-pink, shading deeper toward base of petals. Each 60c, prepaid.

REINE HORTENSE (Late Midseason). Uniform hydrangea-pink flecked with crimson. Truly a wonderful flower. Each 65c, prepaid.

SARAH BERNHARDT (Late.) Lovely apple-blossom pink, with each petal silver tipped. Very large and fragrant. Each 60c, prepaid.

Special Bargain & PEONIES

Mixed Colors.
Red, Pink and White.
Our Selection.

\$1.89
ppd.



Festiva Maxima in bloom at our trial gardens.

Red Shades

CHARLES McKELLIP (Late). Most perfect in form of all the deep red varieties. Each 65c, prepaid.

KARL ROSENFELD (Early Midseason). A rich, brilliant shade of pure deep crimson. Each 65c, prepaid.

LORA DEXHEIMER (Early Midseason). Color, intense flaming crimson. Each 50c, prepaid.

RICHARD CARVEL (Early). The best early dark red. Each 50c, prepaid.

White Shades

DUCHESSE DE NEMOURS (Early). A very early, fragrant, creamy white. Center light canary-yellow; pale green at base. Each 55c, prepaid.

FESTIVA MAXIMA (Early). A splendid white; center petals flecked with crimson. Each 50c, prepaid.

PEONY SUPPORTS

Peonies heavy with blooms deserve a good support. We list what we consider the best peony support on the market. Made of heavy gauge galvanized wire that will not rust. After the blooming season, they may be removed and used in the flower or vegetable garden.

See illustration and prices on page 23.

Popular Peony Collection

One of Each Felix Crousse—Red.
Alexander Dumas—Pink.
Mons. Dupont—White.
(Regular price 30c each) **75c** ppd.

Long Season Peony Collection

One of Each Festiva Maxima.
Lora Dexheimer.
Livingstone.
(Value \$1.50) **\$1.25** ppd.

Superb Prize Peony Collection

One of Each Duchesse De Nemours.
Karl Rosenfeld.
Marie Crousse.
(Value \$1.80) **\$1.50** ppd.



FRENCH LILACS bloom when young, and bear year after year panicles of an extraordinarily large size.

FRENCH LILACS

Strong, Sturdy, Field-Grown Plants

FRENCH Lilacs bear larger flowers and bigger, heavier trusses of bloom than those of the common Lilac. They are gorgeous in coloring and very free-flowering.

CHARLES JOLY. Double. Deep wine-red. The large trusses are held erect, well above the foliage. 3-yr. plants, 45c; 4-yr. plants, 60c, not prepaid.

LUDWIG SPAETH. Single. Color, dark reddish-purple, intense and brilliant. Long narrow panicles. 3-yr. plants, 45c; 4-yr. plants, 60c, not prepaid.

MADAME LEMOINE. Double. Pure white, without a tinge of cream. Panicles large, long, erect. 3-yr. plants, 45c; 4-yr. plants, 60c, not prepaid.

PRESIDENT GREVY. Double. Clear delicate light blue. Immense panicles, very symmetrical. 3-yr. plants, 45c; 4-yr. plants, 60c, not prepaid.

Persian Lilac

The Persian Lilac makes a most wonderful tall hedge or screen, and is especially adapted to foundation planting. It has slender branches of open graceful growth, small leaves and large loose clusters of light purple flowers in May. 3-yr. plants, 45c; 4-yr. plants, 60c, not prepaid.

Postage and Insurance on Lilacs

17c for one plant.
31c for three plants.

5 Beautiful Lilacs

One each
of the five
Varieties named.
3 Year Size.

\$1.85
not ppd.

Plant several new varieties of Peonies this spring—we offer a fine selection.

The Best Shrubs for Landscaping

Free Packing
on Shrubbery
Orders over 60c

Plant dwarf shrubs (marked D.), about 1-2 ft. apart. Medium shrubs (marked M.) about 2-3 ft. apart and large shrubs (marked L.) about 3-4 ft. apart. All shrubs are guaranteed to reach destination in best condition and are bound to grow.

SPECIAL DISCOUNT ON SHRUB ORDERS

10% DISCOUNT ON SHRUB ORDERS

From This Page Only
Totaling \$5.00 or Over at
Regular Prices

20% DISCOUNT ON SHRUB ORDERS

From This Page Only
Totaling \$10.00 or Over at
Regular Prices



Spirea Van Houttei.



Weigela.



Hydrangea.



Forsythia.

RED-LEAVED BARBERRY. D. Rich bronze-red leaves that hold their color all summer. A bright contrast to other shrubs. Plant in full sunlight. Rust-proof. Prices: 2-yr. plants 35c, 3-yr. 50c.

JAPANESE BARBERRY. (Thunbergi.) D. Of bushy spreading growth, with small bright green leaves densely covering the thorny twigs. Scarlet and bronze in fall, studded with crimson berries. Rust-free. Prices: 2-yr. plants 20c, 3-yr. 30c.

BUTTERFLY BUSH. (Buddleia.) M. A symmetrical bushy shrub with branches of semi-weeping habit. Blooms in July and August, bearing long tapering spikes of fragrant flowers of a brilliant rosy-purple color. Also known as Summer Lilac. Prices: 2-yr. plants 50c.

COTONEASTER. M. A neat clean shrub with small rounded leaves, dark green and glossy. Inconspicuous pink flowers followed by black fruit. Extremely hardy and drought resistant. Prices: 2-yr. plants 40c, 3-yr. 75c.

HIGHBUSH CRANBERRY. L. Handsome shrub with dense brilliant green foliage. White flowers in spring, followed by big clusters of edible red berries. Excellent for background planting. Prices: 2-yr. plants 45c, 3-yr. 65c.

RED-TWIGGED DOGWOOD. L. Bright coral-red branches make this shrub attractive in all seasons. Fine for background or mass planting. Thrives in sunlight or shade. Prices: 2-yr. plants 35c, 3-yr. 60c.

GOLDEN ELDER. L. The golden beauty of its foliage contrasts richly with the green of other shrubs. Produces large, flat, white blossoms, followed by purplish berries. Prices: 2-yr. plants 30c, 3-yr. 45c.

FORSYTHIA. (Golden Bell.) L. The first shrub to bloom in the spring. Beautiful bell-shaped flowers of golden yellow cover the bush before the leaves appear. Grows 6-8 ft. tall though easily trimmed back to desired height. Prices: 2-yr. plants 30c, 3-yr. 45c.

RED BUSH HONEYSUCKLE. (Tartarian.) L. Blooms in May followed by bright red berries throughout the summer. Good for foundation and screen plantings. Prices: 2-yr. plants 30c, 3-yr. 40c.

SNOWBALL HYDRANGEA. (Arborescens.) M. Valuable for landscape planting. Snowball-like flowers from July to frost. Prices: 2-yr. plants 35c, 3-yr. 50c.

LARGE FLOWERING HYDRANGEA. (Paniculata Grandiflora.) M. Very showy, with clusters of magnificent conical flowers of pure white, changing to bronze-pink in fall. Blooms in August. Often cut for winter house decoration. Prices: 2-yr. plants 35c, 3-yr. 50c.

LILAC, FRENCH HYBRIDS. L. See page 35 for description and prices.

MAY FLOWER BUSH. L. The first to come into full leaf in spring. Produces a wealth of white blooms which cover the entire bush. Very ornamental as a specimen bush or tree, or for background planting. Prices: 3-yr. plants 35c, 4-yr. 50c.

PURPLE LEAF CISTENA. M. A new shrub introduced by Prof. Hansen of the South Dakota College. Very striking purple foliage—fine color effect. Used in landscape plantings. Very hardy, dwarf and compact. A showy shrub desirable in any landscape. Prices: 2-yr. field-grown plants 50c, 3-yr. 75c.

ROSE TREE OF CHINA. (Prunus Triloba.) M. Without question the most striking flowering shrub for early spring. Every branch completely covered with small double, rose-like, pink flowers in May, before the leaves are out. Prices: 2-yr. field-grown plants 45c, 3-yr. 70c.

SNOWBALL. L. Always a popular plant, blooming very early—perfectly hardy and producing quantities of white ball-shape blooms. A favorite cemetery plant. Prices: 2-yr. plants 50c, 3-yr. plants 75c.

SNOWBERRY, WHITE. D. A very desirable dwarf shrub, perfectly hardy. Has tiny rose-colored flowers in June and July, followed by milk-white clusters of berries in late fall and winter. Does well in sun or shade. Prices: 2-yr. plants 25c, 3-yr. plants 35c.

SNOW GARLAND SPIREA. (Arguta.) M. The earliest blooming Spirea, growing 5 ft. tall. Slender and graceful form with delicate leaves. Pure white flowers are produced in great profusion. Prices: 2-yr. field-grown plants 35c, 3-yr. 50c.

SPIREA ANTHONY WATERER. D. Has gay crimson flowers that bloom all summer, and variegated foliage. Is very hardy. This dwarf shrub will fit into any plan and always proves attractive. Prices: 2-yr. field-grown plants 25c, 4-yr. 35c.

SPIREA BILLARDI. M. Plume-like flowers of delicate rose; upright growth. Medium height. Fine foliage. Will add to any foundation or landscape planting—very hardy. Prices: 2-yr. field-grown plants 30c, 3-yr. 45c.

SPIREA VAN HOUTTEI. (Bridal Wreath.) M. Most popular of all shrubs—very hardy—blossoms profusely in May. Prices: 2-yr. size 25c, 3-yr. size 35c.

SYRINGA. (Mock Orange.) L. A tall hardy bush bearing beautiful white flowers that resemble orange blossoms, in great profusion. They are fine for cutting and exquisitely fragrant. Used for background, screen planting or grouping. Attractive foliage. Prices: 2-yr. field-grown plants 35c, 3-yr. 50c.

TAMARIX, FEATHERY. M. New, graceful and distinctive appearance, with light and feathery foliage and large, loose panicles of orchid-pink flowers. Prices: 2-yr. field-grown plants 30c, 3-yr. 50c.

WEIGELA ROSEA. M. Produces a wonderful display of rose-pink flowers in May and June. They are bell-shape, leaves deep green, and bushes will grow to a height of 4-6 ft. Prices: 2-yr. plants 45c, 3-yr. plants 60c.



Snowball.

LEARN LANDSCAPING

—A PROFITABLE PROFESSION.

A big boom in home building and home beautification is in progress. Nearly every home owner is now a prospect for planting and landscaping. Let the American Landscape School train you in a few weeks in spare time at home by mail to get your share of this fascinating business.

John Hames of Ohio, made \$259.10 in October. Harold Smith of Massachusetts, increased his monthly income to \$349.00 in November, through our employment department. Write us today for FREE BOOKLET "Success in Landscape Gardening," care of Farmer Seed & Nursery Co., Faribault, Minn. Full particulars direct from the American Landscape School will be sent to you promptly.

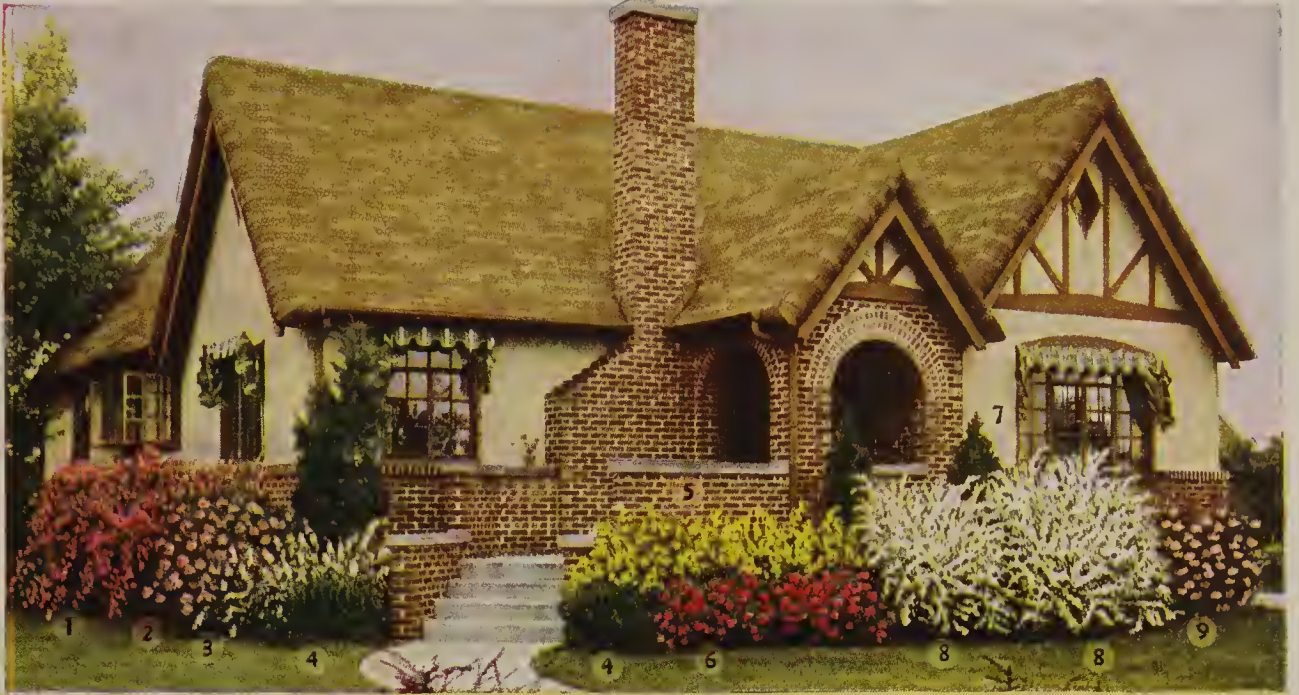
MARK YOUR PLANTS UNIFORMLY.

Use Peerless Markers, made of galvanized metal, 12 in. long, painted green. Has hinged card holder, protected from rain, but swings up in position for easy reading. Carries celluloid card. Inexpensive. Price: 3 for 28c, 12 for 95c, prepaid.



Spirea A. Waterer.

ADD FOR POSTAGE—2-3 ft. shrubs 13c each, for 3—21c, for 5—27c, for 10—43c.
3-4 ft. shrubs 19c each, for 3—33c, for 5—47c, for 10—77c.
Larger Shipments by Express.



ROSE TREE OF CHINA

Most Beautiful Spring-Flowering Tree, 3-Yr. Size. (Page 36).
IT'S YOURS For Only

80c
ppd.

(1) Red Tartarian Honeysuckle; (2) Spirea Billardi; (3) Spirea Snow Garland; (4) Mugho Pine; (5) Forsythia, Golden Bell; (6) Spirea Anthony Waterer; (7) Pyramidal Arbor-Vitae; (8) Spirea Van Houttei; (9) Hydrangea P. G. Description and prices of above shrubs on page 36.

SPECIAL! Two each of above seven Flowering Shrubs, 2-yr. size, **\$3.95** N ppd.
3-yr. size \$5.45, not prepaid. (Not including Evergreens).



PAUL'S SCARLET CLIMBER ROSE
Vigorous—free flowering.



TALISMAN ROSE
A blend of brilliant colors.



PINK RADIANCE ROSE
For never-failing bloom.



HANSA ROSE
Hardest of all.

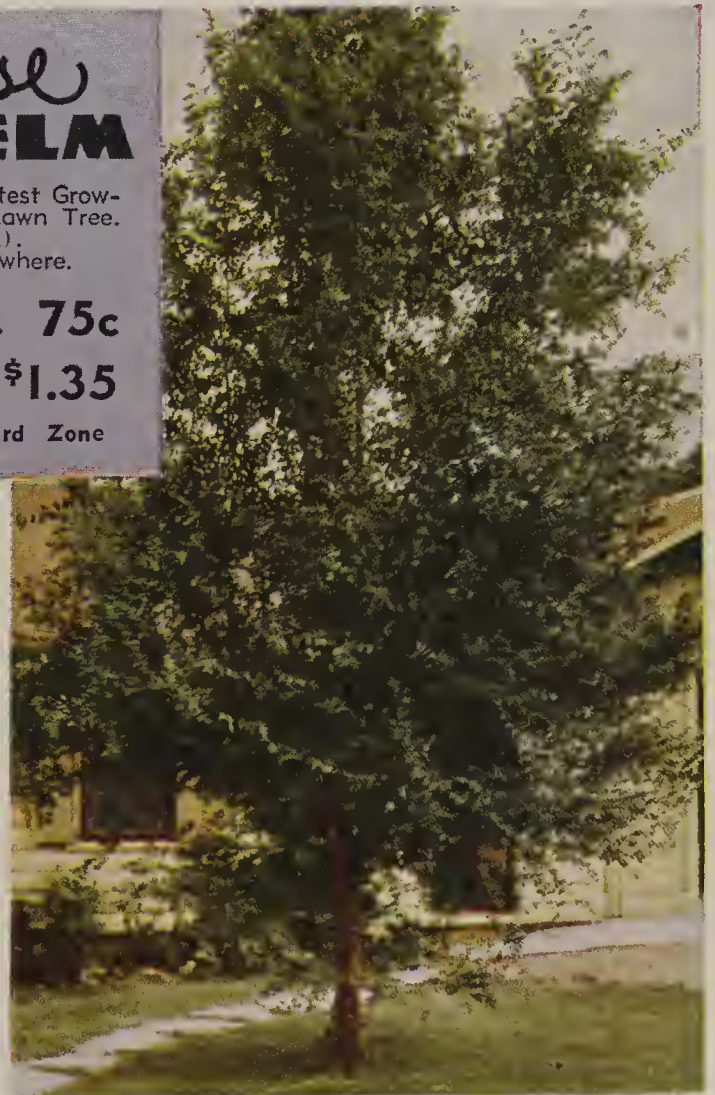
Chinese ELM

The Nation's Fastest Growing Shade and Lawn Tree.
(Page 32).
Hardy Everywhere.

2 TREES 3-4 ft., ppd. **75c**

4 TREES ppd. for **\$1.35**

Prepaid to Third Zone



CHINESE ELM—5 Years Old

BLAZE-O-MUM

The plant of a Thousand Blooms.
One Plant Each
—Dark Red—
—Soft Pink—
—Bronze—

3 ppd. **85c**
For

(See page 56)

ALL POST-PAID PRICES are to 3rd Zone



New Red Lake Currant

Exceptionally large, heavy clusters, very productive. Standard plants, 5 for \$1.35; 10 for \$2.25. Heavy grade, 5 for \$2.45; 10 for \$4.45. Not prepaid. Page 29.

Big Red Haralson Apple

Largest red winter apple, excellent quality. Hardy. 2-3 ft. trees, 50c each; 3 for \$1.40. 3-4 ft. trees, 60c each; 3 for \$1.65. Not ppd. Page 30.

Anoka Apple

Earliest red apple. Hardy and heavy bearer. 2-3 ft. trees, 40c each; 4-5 ft. trees, 70c. Not ppd. Page 30.



Dolgo Crab

Fire-red fruit, extremely hardy. 2-3 ft. trees, 50c each; 3 for \$1.40. 3-4 ft. trees, 60c each; 3 for \$1.65. Not ppd. Page 30.

Wealthy Apple

Large juicy, deep red fruit. Finest flavor. 2-3 ft. trees, 40c each; 3 for \$1.15. 4-5 ft. trees, 70c each; 3 for \$1.95. Not ppd.



Wayzata Strawberry

Prize winning Everbearer, record profit maker. Long keeper, excellent quality. See page 27 for special prices.

New Fredonia Grape

Earliest quality grape. Compact clusters, perfectly hardy. Standard plants, 5 for \$1.10; 10 for \$1.95. Heavy grade, 5 for \$1.35; 10 for \$2.35. Not prepaid. See page 29.



PRICES
F. O. B.
FARIBAULT

Cumberland Black Raspberry

Largest, best black variety. Standard plants, 25 for 90c. Heavy plants, 25 for \$1.95. Not prepaid. Page 29.

Compass Cherry

Hardy everywhere, delicious sweet cherries. 2-3 ft. trees, 50c each; 3 for \$1.40. 4-5 ft. trees, 90c each; 3 for \$2.55. Not ppd. Page 31.



Land O'North FRUITS

WILL GROW ANYWHERE

6 APPLE TREES
2 Anoka, Size 3-4 ft. ONLY
2 Haralson } **\$2.78**
2 Wealthy } Value \$3.20

6 PLUM TREES
Size 3-4 ft.

2 Underwood
2 Superior
2 Kaga
Value \$3.30, for
\$2.83

6 CHERRY TREES
Size 2-4 ft.

3 Sapa
2 Oka
1 Compass
Value \$3.10, for
\$2.68



Underwood Plum

Large California type plum, excellent flavor and quality. 3-4 ft. trees, 50c each; 3 for \$1.40. 4-5 ft. trees, 75c each; 3 for \$2.10. Not prepaid. See page 30.



Sapa Cherry

Purple-red fruit. Bears second season. 2-3 ft. trees, 40c each; 3 for \$1.15. Heavy grade, 4-5 ft. trees, 75c each; 3 for \$2.10. Not prepaid. Page 31.



Superior Plum

Large, yellow fleshed, peels like a peach, delicious flavor. 3-4 ft. trees, 50c each; 3 for \$1.40. 4-5 ft. trees, 75c each; 3 for \$2.10. Not ppd. Page 30.



Latham Raspberry

World famous, greatest yielder and largest berries. Standard plants, 25 for 90c. Heavy plants, 25 for \$1.75. Add 15c for postage. Page 29.

Whitney Crab

Best for canning. 2-3 ft. trees, 40c; 3 for \$1.15. 4-5 ft. trees, 70c; 3 for \$1.95. Not postpaid. (Page 30).

Parker Pear

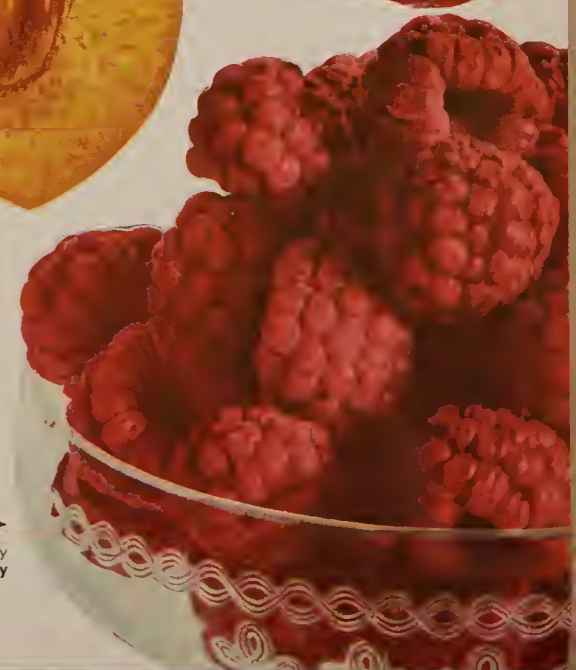
Finest large golden yellow pear, hardy. Ripens in August. 2-3 ft. trees, 70c; 3-4 ft. trees 90c. See page 31.

See Page 28 for Postage on Fruit Trees.



Chief Red Raspberry

Earliest of all, excellent quality, heavy yielder. Standard plants, 25 for 90c. Heavy grade, 25 for \$1.75. Not postpaid. Page 29.



ALL PRICES
F. O. B.
FARIBAULT

See page 28
for Postage
Schedule

New Beauty and Fragrance for Your Garden



New Early
**KOREAN
HYBRID**
Chrysanthemums

3 *New*
Flowers
50¢
postpaid

One packet each of
the three sensational
flowers shown below, for

3
For Only
99¢

3 Earliest New Chrysanthemums

Ten days earlier than others.
CLIO—Compact deep cormine-rose.
FORTUNA—Large blood-red blooms.
VESTA—Deep golden bronze.
Strong plants, 40c each; 3 for 99c, prepaid.
(See page 56).

ASTER American Beauty "Azure Fairy"

No. 1102 — Clear
lavender-blue.
Wilt-resistant.
Pkt., 15c, prepaid.
(See page 45).



The Candlestick Lily (Umbellatum)

Showy orange-red flowers on
2 ft. stems in June. Each 25c

5 BULBS \$1.00
Postpaid



The Regal Lily

Most Beautiful of All Hardy
Lilies

The large, fragrant flowers
of ivory-white are shaded
rose, with centers
flushed yellow.
Blooming
size Bulbs, 3 for
35c.

10 BULBS 98c
Postpaid



All-America Gold Medal MARIGOLD "Crown of Gold"

No. 1497 — Short
curled, quilled
petals with a color
of fluted gold.
Color brilliant orange. The
first Marigold with
odorless foliage.
Pkt., 25c, prepaid.
(See page 49).



"Africana" Petunia Plants

New Double
Royal Purple
(Page 56). First
time offered. Ex-
ceptionally vigorous
grower, producing 3 dozen
flowers at one time—meas-
uring up to 4 inches diam-
eter. Very showy. Price,
50c each; 3 for \$1.25, ppd.

New Sweet Pea SHIRLEY TEMPLE

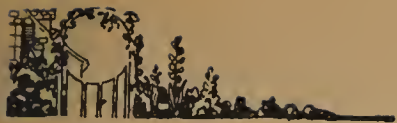
No. 1838—Frilled
flowers of soft
rose-pink. Pkt.,
25c, postpaid.

For other new
Sweet Peas
and Collec-
tion offers
see
page
53.



New!
**COLLARETTE MARIGOLD
CROWN OF GOLD**

Flowers that Thrill



Beautiful Gladioli



Gorgeous Color Collection

CHARLES DICKENS. Brilliant purple. Tall and vigorous. Each 6c, doz. 60c.

DREAM O'BEAUTY. Rose-red. Massive spikes with 10 blooms open at one time. Each 10c, doz. 95c.

HEAVENLY BLUE. Clear light blue. Very attractive. Each 10c, doz. 95c.

PFITZER'S TRIUMPH. Giant salmon-scarlet with cherry throat. Each 6c, doz. 60c.

PICARDY. Giant shrimp-pink. A sensation wherever exhibited. Each 8c, doz. 75c.

ROI ALBERT. Smoky copper-salmon. A decided novelty and a wonderful cutter. Each 12c, doz. \$1.15.

THOS. A. EDISON. Heavily ruffled dark red of velvety texture. Each 10c, doz. 95c.

TOBERSUN (October Sun). A fine late yellow. Each 8c, doz. 75c.

One Each Above
8 Gorgeous Varieties 55c
 (8 Bulbs—Value 70c) ppd.
 Two Collections for \$1.00

Favorite Collection

AFLAME. Immense blooms of begonia-rose shading to bright flame. Each 7c, doz. 70c.

BETTY NUTHALL. Coral-pink with orange throat. Extremely popular. Each 5c, doz. 50c.

COMMANDER KOEHL. A rich true red of giant size. Each 8c, doz. 75c.

CRINKLES. Deep peach-blossom pink. Ruffled. Each 8c, doz. 75c.

LA PALOMA. Rich, brilliant orange. Each 7c, doz. 70c.

MINUET. The most beautiful clear lavender. Each 8c, doz. 75c.

MRS. P. W. SISSON. Soft cameo-pink. Each 6c, doz. 60c.

PURPLE GLORY. Velvety maroon. Ruffled. Each 5c, doz. 50c.

STAR LILY. Large flowers of deep canary-yellow. Ruffled. Each 5c, doz. 50c.

W. H. PHIPPS. Massive salmon-pink. Each 5c, doz. 50c.

One Each Above
10 Popular Favorites 45c
 (10 Bulbs—Value 64c) ppd.
 Two Collections for 75c



SULTAN, a giant rose-red Glad—Richly colored and heavily ruffled.

CUT FLOWER GLAD COLLECTION

50 Bulbs \$1.19
 ppd.

It is a genuine pleasure to have a cutting garden for Gladiolus, so that you can gather all you want for yourself and your friends.

1937 Novelty Collection

BAGDAD. Smoky old rose, deeper at edges. A giant exhibition variety. Each 8c, doz. 75c.

BLEEDING HEART. White, suffused soft pink, with large red blotch. Each 10c, doz. 95c.

BRIGHTSIDE. Richest canary yellow and apricot, tipped bittersweet orange. Sparkling bright in color. Each 12c, doz. \$1.15.

DR. C. HOEG. Glossy, velvety, maroon. The richest and most dependable dark Glad. Each 20c, doz. \$2.00.

GOLDEN POPPY. The deepest possible shade of yellow. Each 12c, doz. \$1.15.

PEARL OF CALIFORNIA. Clear La France pink with white throat. 8-10 large blooms open at once. Each 8c, doz. 75c.

PELEGRINA. Best dark blue. Has a sheen like deep blue velvet. Each 10c, doz. 95c.

SULTAN. Velvety rose-red. Large ruffled blooms. Each 12c, doz. \$1.15.

SWEETHEART. Pure waxy-white, with edges of petals a vivid pink. Frilled. Each 12c, doz. \$1.15.

WASAGA. Glowing apricot with buff throat; 6-7 wide open ruffled blooms. Each 10c, doz. 95c.

One Each Above
10 Exhibition Novelties 95c
 (10 Bulbs—Value \$1.14) ppd.
 Two Collections for \$1.75

Aristocrat Collection

AVE MARIA. Beautiful light blue with purple blotch. Each 10c, doz. 95c.

BILL SOWDEN. Massive blood-red. A wonderful exhibition Glad. Each 12c, doz. \$1.15.

DR. BENNETT. A vivid fiery scarlet. Each 8c, doz. 75c.

DUNA. Soft flesh-pink. Delicately beautiful in coloring. Each 12c, doz. \$1.15.

LOTUS. An exquisite blend of pink and cream. Lovely as a tea rose. Each 12c, doz. \$1.15.

MARGARET FULTON. Clear deep salmon with a rich sheen. Each 12c, doz. \$1.15.

MARMORA. Silvery lavender-gray with petunia-purple blotch. Each 8c, doz. 75c.

RUFFLED GOLD. Extra fine ruffled yellow. Each 8c, doz. 75c.

One Each Above
8 Aristocratic Varieties 65c
 (8 Bulbs—Value 82c) ppd.
 Two Collections for \$1.15

Special!

A PERFECT MIXER
 TO USE WITH GLADS

Flowering Spurge

(*Euphorbia Corollata*)

This is a hardy perennial, similar to double Baby's Breath but blossoms during August and September—just when the Glads are in bloom. Grows 2 ft. high and thrives in ordinary garden soil and sunny position.

A grand mixer with Glads or other flowers.

3 Plants only \$1.00
 ppd.

Miscellaneous Spring BULBS



ISMENE CALATHINA
 (PERUVIAN DAFFODIL)

Not hardy. Lovely large amaryllis-like flowers of pure white, borne 3-4 on a stem. Very fragrant. Plant outdoors in June. Each 25c, 3 for 60c, prepaid.

TUBEROSE

(DWARF DOUBLE PEARL)

Height 18 in. Dwarf, stocky plants, with spikes of pure white wax-like double flowers with a delicious fragrance. Each 8c, dozen 75c, prepaid.

GLOXINIAS

These showy plants are easily grown in pots for summer or winter blooming. They make a glorious display, continuing in bloom for several months. Each 35c, 3 for \$1.00, prepaid.

CINNAMON VINE
 (DIOSCOREA BATATAS)

A beautiful climber—growing 30 ft. in a single season. Easily trained. It has glossy heart-shaped foliage and produces clusters of delicate white flowers, very fragrant. Especially hardy and will thrive anywhere. Strong roots each 15c, 3 for 40c, prepaid.

MADEIRA VINE
 (CLIMBING MIGNONETTE)

Has small white feathery flowers; light green leaves, heart-shaped and is a rapid grower. Fine for arbor, trellis or summer houses. A free, constant bloomer—not hardy. Large bulbs each 10c, 3 for 25c, dozen 90c, prepaid.

Modern Dahlias



SANHICAN'S BEAUTY has the gorgeous coloring of a rose.

AZTEC GLORY. Informal Decorative. Clear, pure yellow with deep massive flowers on strong, erect stems. A good exhibition dahlia. Each 50c, prepaid.

BAGDAD. Informal Decorative. Immense flower of flaming scarlet-red, borne high above the foliage. A rich, bright color, which neither fades nor burns. Each 50c, prepaid.

BLUE JERSEY. Formal Decorative. Has the same characteristics as Jersey's Beauty, of which it is a sport. The color is a cheerful lilac. Each 40c, prepaid.

DWIGHT W. MORROW. Informal Decorative. A gigantic crimson-red. Its rich coloring, graceful formation and immense size have made this a consistent prize winner. Each 60c, prepaid.

EDNA FERBER. Semi-Cactus. Glistening coral color, shading to old gold at base of petals. The unusual beauty and color of the flower attracts immediate attention. Each 40c, prepaid.

JANE COWL. Informal Decorative. Deep massive blooms of a bronze-buff and old gold, blending to apricot and rose at center. Each 30c, prepaid.

JERSEY'S BEAUTY. Formal Decorative. Beautiful large, rose-pink flowers of perfect form, on long, stiff stems held well above the foliage. Each 25c, prepaid.

JIM MOORE. Informal Decorative. Color, a clear primrose yellow shading to gold and flushed salmon. Blooms profusely regardless of weather conditions. An exhibition dahlia you can depend upon. Each 50c, prepaid.

KARL BONAWITZ. Semi-Cactus. Brilliant velvety carmine. Develops a perfect bush without topping or disbudding. Excellent form, color and keeping quality. Each 65c, prepaid.

KENTUCKY. Formal Decorative. Brilliant light salmon-orange, shading to pink on outer petals. Thrifty and prolific. Each 30c, prepaid.

KING MIDAS. Informal Decorative. Has magnificent, fully double, deep blooms of an intense rich yellow color. An early and continuous bloomer. Each 40c, prepaid.

OMAR KHAYYAM. Formal Decorative. Chinese red at base of petals, shading to bright orange with paler tips. Its unusual coloring is much admired. Each 40c, prepaid.

SANHICAN'S BEAUTY. Formal Decorative. Has the gorgeous coloring of the Mme. Edouard Herriot Rose—coral-red, shaded yellow and scarlet. Free-flowering and an excellent cutter. Each 50c, prepaid.

SNOWDRIFT. Formal Decorative. A large, pure white dahlia with broad, rather flat, waxy petals. Has good stems and blooms freely. Bush grows about 4½ feet tall. Each 30c, prepaid.

MIXED DAHLIAS. This mixture includes all different types and is made up of fine varieties and colors. Excellent for cut-flower purposes or for planting in mixed borders. To encourage a liberal planting of them, we offer Choice Mixed Dahlias at 3 for 50c, 6 for 90c, 12 for \$1.70, prepaid.

Money-Saving DAHLIA OFFERS

Quality Collection

1 Omar Khayyam—Red.	}	74c ppd.
1 Snowdrift—White.		
1 Jersey's Beauty—Pink.		
(Value 95c)		

Elite Collection

1 Blue Jersey—Lilac.	}	98c ppd.
1 King Midas—Yellow.		
1 Bagdad—Scarlet-red.		
(Value \$1.30)		

Gems of Color Collection

1 Aztec Glory—Yellow.	}	\$1.35 ppd.
1 Edna Ferber—Coral.		
1 Dwight W. Morrow—Crimson.		
1 Kentucky—Salmon-orange.		
(Value \$1.80)		

De Luxe Collection

1 Karl Bonawitz—Carmine-red.	}	\$1.49 ppd.
1 Sanhican's Beauty—Coral-red.		
1 Jim Moore—Yellow, flushed salmon.		
1 Jane Cowl—Buff-apricot.		
(Value \$1.95)		



EEZY WEAR GARDEN GLOVES

All-Leather—Dirt-Proof—
Soft as Kid—Extra Pliable.

Economical—outwear six pairs of fabric gloves and are useful the year 'round for Garden, Housework, Painting, Yard, Furnace, Garage, etc.

WASHABLE!

In ordering be sure to specify for men or for women.

Price: 65c a pair (2 pairs, \$1.20), postpaid.

— CANNAS —

Used extensively for mass planting in beds and for color effect in hardy borders. Roots started indoors in April may be set out in June when danger of frost is past. We offer dormant roots of first quality.

KING HUMBERT. 4 ft. Large trusses of orange-scarlet flowers. Foliage is bronze, very broad and handsome. A "Gold Medal" Canna.

THE PRESIDENT. 4½ ft. Rich glowing scarlet flowers, 7 inches across, on strong, erect stalks. The foliage is green.

HUNGARIA. 3½ ft. The best pink Canna. Leaves bluish-green, never burn. Trusses are compact and of enormous size.

YELLOW KING HUMBERT. 4 ft. Flowers a deep rich yellow, softly spotted and blotched with bright red. Foliage very dark green.

APRICOT. 4 ft. Color, buff-yellow overspread with salmon-pink, producing a mass effect of rich apricot.

MRS. ALFRED F. CONRAD. 4 ft. Unsurpassed for planting either singly or in large beds. Foliage is green; flowers exquisite pink.

GOLDEN GATE. 4 ft. Color, pure golden yellow. Very rich and effective. Flowers of good size held well above the foliage.

Price, any of the above dormant roots, 15c each, 6 for 75c, 12 for \$1.25, 100 for \$8.50, prepaid.

MIXED CANNAS. A fine showy blend. Strong roots. 3 for 30c, 12 for 85c, 100 for \$8.00, prepaid.



A Showy Canna Bed

A round bed 7 feet in diameter requires 19 Cannas. They should be set 18 inches apart each way, one in center, six in first row and twelve in outside row. The center of the bed should be 4 to 6 inches higher than the level of the lawn. Foliage plants such as Coleus, Dusty Miller, etc., make an effective border.

SPECIAL
OFFER—

19 Choice Roots \$1.65
Ppd.



Hardy Garden Lilies



THE HARDY border is an ideal location for lilies, as they need sunshine on their tops and shade about their roots. The foliage of surrounding low shrubbery and plants provides shade and shows the flowers to best advantage.

AURATUM (Gold Banded Lily of Japan)

Height 4-6 ft. Large, graceful, fragrant flowers of delicate ivory-white, richly spotted with crimson and striped with golden yellow. Blooms in July and August. Set bulbs 8-10 inches deep. Each, 30c, 3 for 80c, prepaid.

DOUBLE TIGER (Tigrinum Flore Pleno)

Height 5 ft. Handsome, showy Lilies of easy culture, producing an abundance of orange-scarlet flowers in August. Very hardy and vigorous. Each 20c, 3 for 50c, prepaid.

GOLDEN DAY LILY (Hemerocallis)

Height 1½-2 ft. Undoubtedly among the finest hardy plants for ordinary garden culture. The flowers are produced in June, in spikes of from six to a dozen blooms opening in succession. Color is a rich golden yellow. Each 20c, 3 for 50c, prepaid.

REGALE (The Royal Lily)

Height 3-5 ft. The most beautiful of all hardy garden Lilies. Large, fragrant trumpet-shaped flowers of ivory-white, shaded rose, with centers flushed yellow. The stems are sturdy and bear clusters of from 2-8 flowers each. Bloom early in July. Blooming size bulbs, 3 for 35c, 10 for 98c. Select size, 3 for 50c; 7 for \$1.00 prepaid.

(See Color Illustration Page 40)

RUBRUM MAGNIFICUM

Height 2-4 ft. Immense fragrant white flowers, beautifully shaded and spotted with rose and crimson. Petals are recurved and wax-like. Blooms in late August. Set bulbs 8-10 inches deep. Each 30c, 3 for 80c, prepaid.

TENUIFOLIUM (Coral or Fern-Leaved Lily.)

Height 2 ft. This charming Lily is a gem for the rock garden or border. The brilliant coral-red flowers are borne in clusters of 5-15 on slender stems. The foliage is finely cut and fern-like. Blooms in July. Set bulbs 6 inches deep. 3 for 35c, 6 for 60c, prepaid.

LILIUM UMBELLATUM

"The Candlestick Lily"

Height 2-3 ft. A showy, sun-loving variety that is easily grown. The large, orange-red flowers are held erect like widespread chalices, and are borne in great profusion in June. Select blooming size bulbs, each 25c; 5 for \$1.00, prepaid.

See Color Illustration Page 40.

For Non-Hardy Lilies see page 41.

*Charming in the Garden
and Exceptionally
Fine for Cutting*

Plan To Make a Generous Planting
of Several Varieties This Spring



LILIUM AURATUM blooms in July and August.

Hardy Water Lilies

*Shipment will be made direct from grower at proper planting time.
All prices f. o. b. shipping point.*

ODORATO. Pure White. The Native American Water Lily. Vigorous and prolific, it is the best variety to experiment with, or to plant where quantity is needed for effect. Price, each, 45c, 3 for \$1.00, 6 for \$1.75, not prepaid.

MEXICANA. Light Yellow. One of the most dependable varieties. Flowers are 4 inches across; leaves deep green with under surface blotched dark red. Price each, 50c; 3 for \$1.25, not prepaid.

WATER HYACINTH. Tropical Water Plant. A floating plant at home in any pool. Drifts to shallow water where the roots anchor and growth is very rapid. The lavender flowers form a spike like that of the true hyacinth. The long, bushy roots are excellent for spawning goldfish. Price, 3 for 50c; 6 for 75c, 12 for \$1.25.

Bulbs for Fall Planting

Tulips, Narcissi and Hyacinths must be planted in the fall. Our Special Fall Bulb circular containing descriptions and prices of these and many other hardy Spring Flowering Bulbs will be ready about September 15th. Send for it.



Giant Hybrid

AMARYLLIS

Magnificent house plants with handsome broad dark green leaves and gigantic flowers of perfect form and gorgeous beauty. The colors range from almost pure white, through various shades of pink to the deepest scarlet and maroon, some with mottled throats and beautiful markings. Complete cultural directions will be sent with order. 3-year bulbs in choicest mixture only. Each 30c, 3 for 80c, prepaid.

Special!

One Bulb of Each

AURATUM
RUBRUM
TENUIFOLIUM
DOUBLE TIGER
AMARYLLIS

(Value \$1.20)

\$
Lilies
\$1.00
ppd.

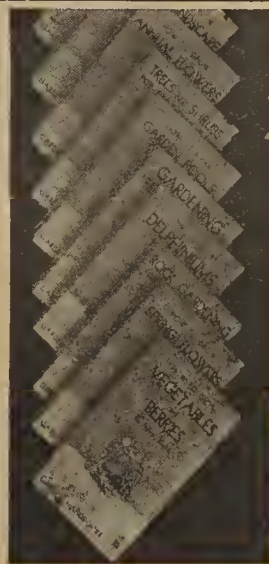
Garden Books

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*A Treasure Store of
Success Secrets*

AUDEL'S GARDENERS' AND GROWERS' GUIDE—4 volumes, 1,700 pages, hundreds of illustrations. Tells how to prepare the soil, how to plant, grow and improve vegetables, fruits and flowers. Flexible art binding, \$5.35 prepaid. Circular free.

AUDEL'S FLOWER EDUCATOR — 600 pages, hundreds of illustrations. Gives successful directions for planting and growing Annuals, Perennials, Bulbs, Shrubs and Fine Lawns. Invaluable to every gardener. Flexible art binding, \$1.50, prepaid.



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Authors are Noted Experts in Their Respective Fields.

1. Gardening for the Small Place.
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3. How to Make Garden Pools.
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5. How to Grow Spring Flowers from Bulbs.
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7. How to Grow Annual Flowers.
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Just the Practical Help You Have Wanted. 25c Each.

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The BEST in FLOWER Seeds

Our Flower Seeds are grown for us by leading American and European growers, and are true to name and color. Neither time nor expense is spared to provide the best new varieties, and to secure the finest strains available.

1937

ALL-AMERICA SELECTIONS

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WonderPage 51

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CALIFORNIA POPPY, New
Ramona StrainPage 47
GAILLARDIA, Indian Chief....Page 48
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HarmonyPage 49
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GemPage 50
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STEVIAPage 52
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BRACHYCOME—SWAN RIVER DAISY is a splendid rock garden or border plant.



AQUILEGIA—DOBBIE'S IMPERIAL HYBRIDS. A vigorous free flowering strain.

ACHILLEA (Perennial)

1020 THE PEARL. 2 ft. Produces large clusters of double pure white flowers from spring until frost. Splendid for cutting. Easily grown from seedPkt. 10c

ACROCLINIUM, Double Mixed (Annual)

1024 EVERLASTING. 20 in. Graceful daisy-like flowers which if cut just before they open, can be dried for winter bouquets.....Pkt. 10c

AGERATUM or Floss Flower (Annual)

1027 BLUE CAP. 6 in. A dwarf Ageratum with large flowers of a deep rich blue color. The foliage is small and plants have the appearance of miniature domes and make a perfect edging to flower borders.....Pkt. 15c

ALYSSUM, SWEET (Annual)

Forms a dense carpet of beautiful flowers and is unexcelled for low edgings and borders. Blooms from June to frost.

1032 LITTLE GEM. "CARPET OF SNOW." 6 in. A sheet of fragrant snow-white flowers all summer.....Oz. 50c; ½ oz. 35c; pkt. 10c

1033 LILAC QUEEN. 6 in. Delicate lavender flowers. Forms a pleasing contrast with the white variety.Oz. 60c; ½ oz. 40c; pkt. 10c

ALYSSUM, Madwort (Perennial)

1034 SAXATILE COMPACTUM. 9 in. An excellent plant for the rockery or front of borders. Produces broad masses of bright yellow flowers in early spring. Also known as "Basket of Gold."¼ oz. 40c; pkt. 10c

ANCHUSA "Blue Bird" (Annual)

1040 Height 18-24 in. Bears large umbels of vivid, indigo-blue, Forget-Me-Not-like flowers in a luxuriant bouquet on tall stems from July to October. Effective in the garden or for cutting.Pkt. 15c

AQUILEGIA or Columbine (Perennial)

1073 DOBBIE'S IMPERIAL HYBRIDS. Height 2 ft. Splendid plants for partially shaded positions in the border or rockery. Foliage is graceful and fern-like; the dainty long-spurred flowers are produced in strong brilliant shades of blue, lavender, pink and yellow in spring.....Pkt. 15c

ARCTOTIS (Annual)

1074 GRANDIS. Height 2-3 ft. Large, pearly-white flowers, with reverse of petals a pale lilac. Center light blue, surrounded with a gold band. One of the best flowers for cutting and one of the easiest to grow.....Pkt. 10c

ALL FLOWER SEEDS
ARE SENT POSTPAID
IN U. S. A.

PLEASE ORDER BY
NAME AND NUMBER.
KEEP DUPLICATE COPY.



Grow RUST-RESISTANT
SNAPDRAGONS in your garden this summer.

ANTIRRHINUM—SNAPDRAGON (Annual)

Although generally grown as annuals, Snapdragons are perennials in the South and may live over winter with protection in the North.

New Majestic Snapdragons

A new type with extra large flowers closely set on long, sturdy spikes. Colors are exceptionally clear and beautiful. Height 20 inches.

1046 ELDORADO. Deep golden yellow. The richest tint to date.

1047 ROSE MARIE. Light salmon rose with gold center.

1048 RED CHIEF. A rich deep scarlet. Clear and brilliant.

Each of the above, Pkt., 20c; any 3 pkts. for 50c.

New Rust-Proof Snapdragons

1052 UNIVERSITY OF CALIFORNIA MIXTURE. Height 32 in. The University of California after years of collaboration with leading growers of that state have produced a race of Snaps which are 75% rust-proof. The seed comes from parent plants which have been tested.....Pkt. 25c

1054 GIANT MIXED SNAPDRAGONS. Height 30 in.¼ oz. 50c; pkt. 10c

1060 HALF DWARF SNAPDRAGONS. Height 18 in.¼ oz. 50c; pkt. 10c

BABY'S BREATH, see Gypsophila, page 48.

BACHELOR'S BUTTON, see Centaurea, page 46.

BALLOON VINE (Annual Climber)

1200 Height 10-15 ft. Graceful climber with pale green foliage and small white flowers followed by ornamental seed pods resembling small balloons.Oz. 25c; pkt. 5c

BALSAM, (Annual)

1205 DOUBLE MIXED. Height 18-24 in. Sturdy bushy plants with large double flowers clustered in the axils of the leaves. Colors: red, rose, pink and white. Prefer rich soil and sunny position.....Pkt. 10c

BELLIS, English Daisy (Perennial)

1208 Height 6-8 in. Compact plants, with leaves forming a rosette; the daisy-like flowers of rose and white are borne on stiff stems. Bloom all summerPkt. 10c

BRACHYCOME, Swan River Daisy (Annual)

1213 Height 8 in. Compact plants with deeply cut foliage and dainty flowers. Suitable for edging and pot culture. Blooms all summer. Mixed colorsPkt. 10c

The Newer Annual **ASTERS** DISTINCT IN TYPE and COLORING



Giant Mammoth Peony-Flowered Aster.

Early Royal

(Early Midseason Wilt Resistant)

These come into bloom in mid-August. The flowers are large and very double, with broad incurved petals; stems are long and upright, branching from the base of the plants. Height of plants, 2 feet.

- 1125 Royal Rose.
- 1127 Royal Lavender.
- 1128 Royal Purple.
- 1130 Royal Mixed.

Each of the above, 1/8 oz. 30c; pkt. 10c

Giant Mammoth Peony Flowered (Midseason)

A super strain with immense double flowers of perfect form, borne on long stout stems characteristic of the true Peony flowered type. Wonderful for cut flowers and a splendid keeper and shipper. Plants grow 2 1/2-3 ft. tall, and bloom from July until frost. Finest mixed colors.

- 1140..... 1/8 oz. 40c; pkt. 15c

Hardy Aster Michaelmas Daisy (Perennial)

Height 2-3 ft. Splendid for permanent position in the hardy border, where their masses of brightly colored, dainty blossoms liven up the garden in late autumn. The colors are shades of blue, pink and white. Plants form large, bushy clumps which should be divided and reset every 3 years.

- 1145.....Pkt. 15c

Giant Comet or Ostrich Feather (Midseason Wilt Resistant)

The finest and largest of all Comet type asters. The massive chrysanthemum-like flowers are borne on stems 12-18 inches long. The petals are charmingly curled and interlaced, giving a light feathery effect. The plants of luxuriant branching growth attain a height of 2 1/2 feet. Should be grown in every garden where quality is appreciated. Finest mixed colors.

- 1146..... 1/8 oz. 30c; pkt. 10c

Plant Bands guard young plants against cutworms. They are made of waterproof paper. See page 26 for description and prices.

Grow Beautiful Asters From Wilt Resistant Strains

They have been bred to resist Fusarium Wilt and you will find them much more vigorous and productive than the ordinary strains. The different types which we offer, vary in form and blooming season. By starting seed of various types, you are assured a brilliant garden display and flowers for cutting from mid-summer to frost.

American Beauty

(Late Wilt Resistant)

This beautiful strain is rapidly superseding American Branching for general use. Plants are of the non-lateral branching type, grow 2-3 ft. tall, and produce enormous flowers on long, strong stems. Bloom from August to frost. Superb for cutting.

- 1100 Crimson.
- 1101 September Beauty, flesh pink.
- 1102 Azure Fairy, clear lavender-blue.
- Each of the above, 1/8 oz. 40c, pkt. 15c
- One pkt. of each for 40c

For Aster Plants,
See pages
56 and 57.

Two Beautiful New Super Giant Asters (Midseason)

Magnificent large flowers, 6-8 inches across, full petaled and very deep with gracefully interlacing petals. Gardeners everywhere are enthusiastic about this wonderful new Aster class.

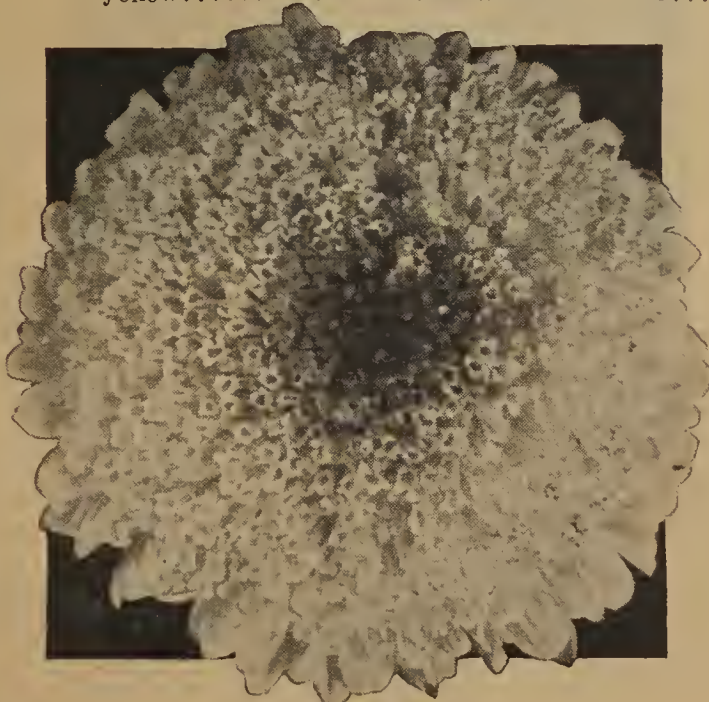
- 1148 LOS ANGELES. An enchanting shade of pure shell-pink.Pkt. 15c
- 1149 EL MONTE. Deep glowing crimson, with the sparkle of live rubies.....Pkt. 20c

Aurora Asters

(Midseason Wilt Resistant)

The delicate beauty and coloring of these asters is hard to describe. The flowers are fully double, with an attractive crest-like center of good substance and fine depth of petal. Height of plant 2 feet, with upright stems.

- 1150 AZURE BLUE. A lovely blue with yellow quill center.....Pkt. 15c
- 1151 GOLDEN SHEAF. Beautiful deep yellow.....Pkt. 20c



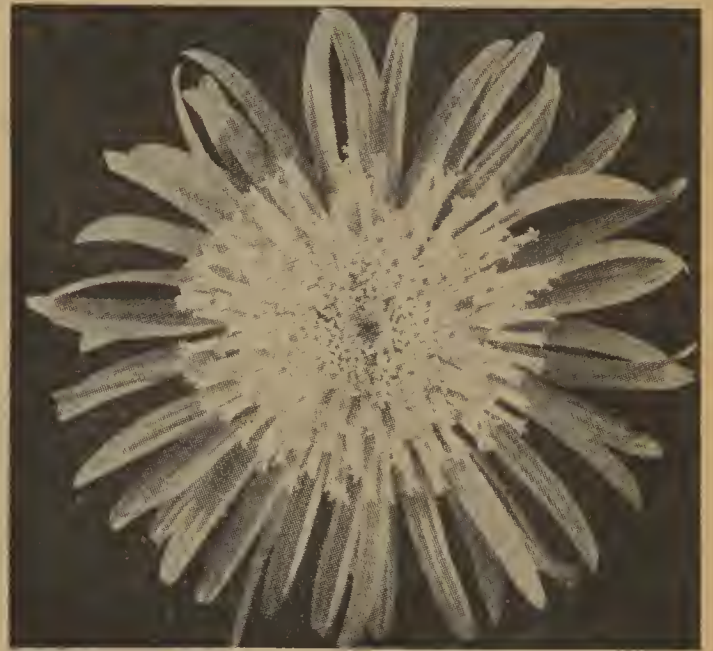
AURORA ASTER.

King

(Midseason Wilt Resistant)

An American type of distinctive beauty. Flowers are large and full with long, narrow petals beautifully quilled. The plants attain a height of 18-24 inches. King Asters are famous for their great substance and wonderful keeping qualities, lasting longer when cut than any other varieties. Excellent for shipping.

- 1116 Rose King 1/8 oz. 30c; Pkt. 10c
- 1119 Mixed Colors.. 1/8 oz. 30c; Pkt. 10c



GIANT CALIFORNIA SUNSHINE ASTER

Giant California Sunshine Asters (Midseason)

The most beautiful and artistic of all Asters. The flowers have cushion centers of light yellow tubular petals, surrounded by broad guard petals of pink, rose, blue or lavender, producing a wonderful color contrast, and presenting an airy, lace-like effect. Individual blooms are 5-6 inches in diameter, on long, stiff stems. Plants 2 1/2-3 feet high. Mixed colors.....

- 1169..... 1/8 oz. 35c; pkt. 15c

Heart of France

(Early Midseason Wilt Resistant)

Conceded to be the finest red aster. Its remarkable color of rich glowing red deepens with age. The flowers are of good size, very full and double, and are borne on long stiff stems. Plants are of strong branching habit. 1 1/2-2 ft. tall.....

- 1175.....Pkt. 15c

Long Season Collection

- 1 pkt. Early Royal.
- 1 pkt. Giant Comet.
- 1 pkt. American Beauty.

} 30c

Gold Medal Collection

One pkt. each.

- Giant Mammoth Peony Flowered.....
- Super Giant El Monte.....
- Giant California Sunshine..

} 40c

Calendulas are Indispensable for Cutting



One of the most beautiful Calendulas is **CAMPFIRE** or **SENSATION**.

CAMPANULA

Canterbury Bells (Biennial)

Plants form perfect pyramids about 2 feet high and produce beautiful bell-shaped flowers on long upright stems. Bloom in early summer.

1225 **SINGLE CANTERBURY BELLS**. Mixed colors, rose, blue and white.....Pkt. 10c

1226 **DOUBLE CANTERBURY BELLS**. Mixed colors, pink, blue and white.....Pkt. 10c

1232 **CUP AND SAUCER CANTERBURY BELLS**. Its very large calyx is the same color as the corolla, giving the flower the appearance of a cup and saucer. Mixed colors.....Pkt. 10c

CANARY BIRD VINE (Annual Climber)

1235 Height 15-20 ft. Dainty cut foliage and curious bird-like blossoms of a clear canary yellow. Fine for covering stumps, trellises or fences... ½ oz. 25c; pkt. 10c

CANDYTUFT

(Annual)

Dwarf plants admirably adapted to beds, edgings, pots and borders. Will thrive anywhere, and blooms profusely throughout the summer.

1240 **GIANT HYACINTH-FLOWERED**. 1 ft. Enormous spikes of snow-white flowers. ¼ oz. 25c; pkt. 10c

1242 **FINEST MIXED**. ... ¼ oz. 15c; pkt. 10c

CANDYTUFT, IBERIS (Perennial)

1243 **SEMPERVIRENS**. 1 ft. Dwarf evergreen plants covered with white flowers in spring and early summer. Fine for borders and the rock garden..... ½ oz. 60c; pkt. 15c

CARDINAL CLIMBER (Annual)

1245 Height 20 ft. A strong rapid-growing climber with fine fern-like foliage and clusters of bright red flowers from mid-summer to frost. Very showy and attractive.....Pkt. 10c

CARNATION

Giant Flowering (Annual)

Few flowers surpass in fragrance the spicily-scented Carnation. Given an early start indoors or in a hotbed, Double Carnations like those grown by florists, can be grown in the outdoor garden. Plants lifted in fall, cut back and potted, will bloom again indoors.

1251 **GIANT ENFANT DE NICE**. Flowers are 2-3 inches in diameter on long, strong stems. Finest mixed colors.....Pkt. 20c

1252 **GIANT DOUBLE MARGUERITE**. Blooms abundantly within five months from planting. Finest mixture. ¼ oz. 35c; pkt. 10c

CASTOR BEAN, see Ricinus, page 52.

CALENDULA

Scotch or Pot Marigold (Annual)

An old-fashioned annual which has been greatly improved in color, form and size by plant breeding. Easily raised from seed, the plants are bushy and grow about 2 feet high. Bloom from early summer to frost.

1214 **CHRYSANTHA** or **SUNSHINE**. Large double flowers of beautiful form and clear golden yellow color. The long center petals curl inward, giving the flower a chrysanthemum-like appearance...Pkt. 15c

1215 **ORANGE SHAGGY**. Unique and graceful in appearance, with long, deeply-fringed petals overlapping each other in irregular fashion. Deep orange color, shading to lighter orange in center.....Pkt. 15c

1216 **GOLDEN RADIO**. Deep brilliant orange, with beautifully quilled petals..Pkt. 15c

1217 **IMPROVED CAMPFIRE** or **SENSATION**. Bright glowing orange, with a distinct crimson or scarlet sheen. Best forcing Calendula.....Pkt. 20c

1219 **DOUBLE ART SHADES**. (New.) Pastel hues of apricot, cream, orange and tangerine..... ¼ oz. 50c; pkt. 15c

CALIFORNIA POPPY, see Escholtzia, page 47.

CALLIOPSIS, Golden Wave (Annual)

1222 Height 2-3 ft. Plants are much branched and produce an abundance of showy flowers in various shades of crimson, orange and gold, all summer... ¼ oz. 30c; pkt. 10c



TALL DELPHINIUMS are splendid background flowers. (See opposite page)

CELOSIA

Cockscomb (Annual)

1255 **CRISTATA**. Height 12-18 in. Large ornamental flower-heads frilled and corrugated like a cock's comb. Mixed colors.Pkt. 8c

1256 **CHILDSI**, (Chinese Wool Flower). Height 3 ft. Large globular flower-heads, resembling balls of wool chenille, of a rich bright red color. Bloom from early summer to frost.....Pkt. 10c

1258 **PLUMOSA**. Height 3½ ft. Forms pyramidal branching plants with large feathery flower-heads, ranging from orange to deep crimson. Mixed colors.....Pkt. 8c

Remove the fading flowers from Calendula plants, and you will have plenty of blossoms all summer.



CANDYTUFT grows quickly and easily from seed.

CENTAUREA

Cyanus (Annual)

BACHELOR'S BUTTON or **CORNFLOWER**. 2 ft. Of easy culture, showy in the garden and splendid for cutting. If the seed is sown broadcast together with the seed of annual poppies, they will bloom at the same time producing a beautiful color effect.

1268 **DOUBLE BLUE**..... ½ oz. 30c; pkt. 10c

1269 **DOUBLE MIXED**.... ½ oz. 30c; pkt. 10c

1278 **SWEET SULTAN**. (Imperialis.) 2-3 ft. Handsome artistic flowers, resembling the blossoms of thistles, delightfully fragrant, fluffy and double; on long smooth stems, fine for cutting. Mixed colors....Pkt. 10c

1280 **DUSTY MILLER**. 1 ft. Compact plants with finely cut silver-gray foliage. Extensively used for beds and edgings.Pkt. 10c

CHRYSANTHEMUM

(Annual)

1285 Height 20 in. Produce long, stiff-stemmed, daisy-like flowers in attractive color combinations of yellow, brown, red, white and rose. Bloom abundantly during the summer and are fine for cutting. ½ oz. 25c; pkt. 10c

CHRYSANTHEMUM, Shasta Daisy (Perennial)

1290 Height 2 ft. June-Aug. Bears large white flowers on long stems; invaluable for cutting. Very free flowering.....Pkt. 10c

CHINESE LANTERN, see Physalis, page 51.

CLARKIA (Annual)

1300 **ELEGANS DOUBLE MIXED**. Height 2 ft. Plants send up a mass of slender, upright branches, with each branch covered for almost its entire length with charming rosette-like flowers, resembling the sprays of Flowering Almond. Sprays cut before buds open, will last until all of the flowers have developed. For a beautiful table bouquet, combine with Baby's Breath and Anchusa..... ¼ oz. 50c; pkt. 10c

CLEOME, Spider Plant (Annual)

1302 Height 3-4 ft. Striking plants with large interesting flowers of vivid rose, with long thread-like stamens extending out beyond the petals. Thrive in sandy soil and sunny position.....Pkt. 10c

Plant a Border of Pinks for their Spicy Fragrance



COBAEA SCANDENS is a graceful climber with large bell-shaped flowers of deep violet blue.

COBAEA SCANDENS or Cathedral Bells (Annual Climber)

1303 Height 15-20 ft. A rapid-growing, handsome climber with beautiful bell-shaped flowers 1½ inches across and 2 inches long. Flowers open a clear green, gradually changing to deep violet blue. Particularly desirable for covering arbors, walls, etc.Pkt. 10c

COLEUS (Tender Perennial)

1305 Height 12-18 in. Handsome foliage plants valuable for bedding borders and window boxes. The leaves are large, of various shapes, marked and bordered in brilliant color combinations. Finest mixed..Pkt. 10c

COLUMBINE, see Aquilegia, page 44.



The **DOUBLE YELLOW COREOPSIS** is even more attractive than the single sort.

COREOPSIS (Perennial)

Height 2 ft. Large orange-yellow flowers on long graceful stems. Bloom profusely during the summer and fall, affording a constant supply of cut flowers.

1308 **MAYFIELD GIANT.** Tall vigorous plants with long stiff stems and very large flowers of rich golden yellow.....Pkt. 15c

1309 **DOUBLE YELLOW.** This new form is very popular, the extra petalage adding a further charm to the immense bright yellow flowers.....Pkt. 15c

COSMOS (Annual)

Plants form fine symmetrical bushes of feathery green foliage covered with lovely long-stemmed flowers from July until frost.

1310 **EARLY FLOWERING MAMMOTH MIXED.** 4-6 ft. Contains soft shades of crimson, rose, pink and lavenderPkt. 10c

1311 **NEW EARLY GIANT FLOWERING COSMOS "SENSATION."** Blooms eight weeks from sowing, and surpasses all existing strains in size of flowers. The mammoth blooms of pink and white are from 4-6 in. across. Unexcelled for cutting.Pkt. 20c

1312 **EARLY KLONDYKE ORANGE FLARE.** 3 ft. Blooms in less than 4 months from seed. Flowers are a deep brilliant orange, with handsome light green foliage. Pkt. 15c

1314 **DOUBLE EARLY FLOWERING MIXED.** 3-4 ft. Combines the beauty of the double-crested with the earliness of the single type. Mixed colors.....Pkt. 15c

CYNOGLOSSUM or Chinese Forget-Me-Not (Annual)

1318 **AMABILE.** 18-24 in. Of easy culture, producing large sprays of bright blue Forget-me-not-like flowers all summer. Splendid in bouquetsPkt. 10c

CYPRESS VINE (Annual Climber)

1319 Height 10-15 ft. A good vine for training on a light ornamental trellis. Bears a profusion of star-shaped scarlet and white blossoms from midsummer to frost. Fine fern-like foliage..½ oz. 30c; pkt. 5c

DATURA, Angel's Trumpet (Annual)

1325 **CORNUCOPIA.** 2-3 ft. Handsome subtropical plants with immense trumpet-shaped, fragrant flowers of creamy white with violet markings. Blooms from early summer to fall.....Pkt. 10c

DELPHINIUM

Hardy Larkspur (Perennial)

Tall stately perennials with handsomely cut foliage and immense spikes of beautiful flowers in June and again in September.

1333 **BELLAMOSUM.** Rich, deep blue.Pkt. 20c

1334 **BELLADONNA.** Clear turquoise blue....Pkt. 15c

1335 **GOLD MEDAL HYBRIDS.** Flowers range in color from pale lavender to deep blue, with many of them double flowered.....Pkt. 10c

1336 **WREXHAM HOLLYHOCK FLOWERED STRAIN.** Produces spikes of enormous size, with individual blooms from 1½ to 2 inches in diameter, many of them bi-colorPkt. 35c

1338 **CHINESE DELPHINIUM "BLUE BUTTERFLY."** Rarely grows over 3 ft. high. The plants have fern-like foliage, and the flowers are of an intense gentian-blue. Lovely for the border and for cutting.Pkt. 10c

For DELPHINIUM Plants see page 55.

DIANTHUS

China Pinks (Annual)

Easily raised from seed, they bloom abundantly and continuously from early summer until frost.

1340 **SWEET WIVELSFIELD.** A splendid border and cut flower. The blooms are larger than Sweet William, with beautiful brilliant colorings and markings....Pkt. 15c

1341 **HEDDEWIGI LACINIATUS. DOUBLE MIXED.** 1 ft. Brilliant colors, many striped and mottled...¼ oz. 25c; pkt. 10c

1348 **HEDDEWIGI LACINIATUS. SINGLE MIXED.** 1 ft. Very large fringed flowers ranging from white to deep crimson. Mixed colors.....¼ oz. 25c; pkt. 10c

DIANTHUS Clove or Grass Pinks (Perennial)

1351 **PLUMARIUS. SINGLE AND DOUBLE MIXED.** 1 ft. Charming old-fashioned flowers cherished for their spicy fragrance and rich coloring. Fine for rock gardens and edgings.....¼ oz. 25c; pkt. 10c

DIANTHUS BARBATUS, see Sweet William.

DIDISCUS, Blue Lace Flower (Annual)

1354 Height 2-3 ft. Clusters of lovely umbel-shaped flowers, 2 to 3 inches across are produced from July to frost. The color is an exquisite shade of clear lavender-blue. Desirable for cutting. ⅓ oz. 25c; pkt. 10c

DIGITALIS or Foxglove (Perennial)

1355 Height 3-5 ft. June-July. Showy plants producing many tall spikes closely set with large Gloxinia-like flowers of white, pink, rose and crimson, with beautiful throat markings of purple or maroon. Mixed colorsPkt. 10c



Stately **FOX GLOVES (Digitalis)** with **CANTERBURY BELLS, PINKS** and **SWEET WILLIAM** in foreground.

DOLICHOS, Hyacinth Bean (Annual Climber)

1357 Height 10 ft. Large dark green leaves and erect racemes of purple and white flowers, followed by ornamental seed pods of a shining bronze-purple. Grows rapidly.Oz. 25c; pkt. 10c

ENGLISH DAISY, see Bellis, page 44.

ESCHSCHOLTZIA

California Poppy (Annual)

1365 **RAMONA HYBRIDS FINEST MIXED.** Flowers beautifully frilled and incurved.Pkt. 15c

1366 **DOUBLE CHOICE MIXED.** Large double flowers in brilliant shades..... ⅓ oz. 30c; pkt. 10c

FEVERFEW, see Matricaria, page 50.

FORGET-ME-NOT, see Myosotis, page 50.

FOUR O'CLOCKS, Marvel of Peru

1370 Height 2-3 ft. Erect, bushy plants with dense glossy foliage and hundreds of long-tubed, funnel-shaped flowers of white, yellow, crimson or striped. They remain closed until 4 o'clock in the afternoon when the plants become a glowing mass of color.....Oz. 25c; pkt. 5c

FOXGLOVE, see Digitalis above.

The Godetia is an Unusual Garden Flower

GAILLARDIA

Blanket Flower (Annual)

Brilliant and effective either for garden decoration or cutting. Gaillardias delight in a warm sunny location and light, open, well-drained soil. Sow the seed where they are to bloom.

- 1379 **INDIAN CHIEF.** 1 ft. Flowers are a glittering, metallic, bronze-red color with dark brown center 1/8 oz. 25c; pkt. 10c
- 1380 **LORENZIANA DOUBLE FINEST MIXED.** 18 in. Colors range from light lemon-yellow to deep orange or scarlet with striking bands and flecks of crimson 1/8 oz. 25c; pkt. 10c

Gaillardia Grandiflora (Perennial)

One of the few perennials that flower continuously from June to October. They thrive in any position or soil and are perfectly hardy. Invaluable for cutting.

- 1381 **THE DAZZLER.** 2 ft. Large golden-yellow flowers with rich maroon centers.....Pkt. 15c
- 1382 **BURGUNDY.** 2 ft. Shining wine-red flowers, 2 1/2 in. in diameter on long, stiff stems..Pkt. 20c

GERANIUM (Tender Perennial)

- 1384 **ZONALE.** Of easy culture, producing blooming plants the first summer from spring-sown seed. Valuable for bedding, borders, window boxes and house culture. Mixed colors.....Pkt. 10c

GEUM (Perennial)

- 1386 **MRS. BRADSHAW.** 2 ft. Dwarf tufted plants from which rise tall, graceful stems bearing large double flowers of a striking orange-scarlet. If the old stems are kept cut back, they will bloom throughout the summer.....Pkt. 20c

GILIA, Queen Anne's Thimble (Annual)

- 1387 **CAPITATA.** 2 ft. Erect, bushy plants with fine feathery foliage and globe-shaped flowers of a rich lavender-blue. Good for cutting, as the blooms last well in water.... 1/4 oz. 25c; pkt. 10c

GODETIA or Satin Flower (Annual)

- 1388 **UPRIGHT SINGLE FINEST MIXED.** 15 in. An unusual garden flower and exceedingly lovely for cutting. The flowers are large and trumpet-shaped, and come in shades of pink, white and crimson. The petals have a rich, satiny texture and look as though dusted with pulverized diamonds. Thrive best in cool, deep soil...Pkt. 10c



Try growing these lovely
DOUBLE HOLLYHOCKS.

GOURDS, ORNAMENTAL (Annual Climber)

- 1393 **SMALL VARIETIES MIXED.** 15-20 ft. Useful for covering arbors, fences, etc. The flowers are often beautiful, and the fruits are oddly shaped and quaintly marked and colored. They make unique table decorations and interesting toys for children 1/2 oz. 20c; pkt. 10c

GRASSES, ORNAMENTAL (Annual)

- 1395 **ORNAMENTAL MIXED.** 2-5 ft. Useful for winter bouquets when combined with Everlasting flowers. Easily grown in any soil.....Pkt. 10c
- 1396 **COIX LACHRYMAE.** (Job's Tears.) Broad glistening leaves. The seeds are hard and shiny and can be strung and used as beads....Pkt. 5c

GYPSOPHILA

Baby's Breath (Perennial)

- 1410 **PACIFICA.** New rose-pink form, coming into bloom after the paniculata variety has passed.Pkt. 25c
- 1415 **PANICULATA.** 2-3 ft. Plants are branchy and spreading with stiff, wiry stems and minute white flowers, producing a graceful misty effect. Used extensively with cut flowers as well as for winter bouquets..... 1/4 oz. 25c; pkt. 10c

GYPSOPHILA (Annual)

Graceful branching plants with clusters of delicate flowers about one-half inch across. Beautiful in bouquets with other flowers.

- 1416 **ELEGANS GRANDIFLORA ALBA.** 1-2 ft. Large-flowering pure white..... 1/2 oz. 20c; pkt. 5c
- 1417 **ELEGANS GRANDIFLORA ROSEA.** 1-2 ft. Beautiful soft pink..... 1/2 oz. 20c; pkt. 5c

HELIANTHUS, see Sunflower, page 52.

HELICHRYSUM, Everlasting or Strawflower (Annual)

- 1425 Height 2-3 ft. Large double flowers, 1-1 1/2 in. across, are produced all summer. Colors range from yellow, orange, red and rose to white. Splendid for winter bouquets..... 1/4 oz. 25c; pkt. 10c

HELIOPSIS, Orange Sunflower (Perennial)

- 1428 **PITCHERIANA.** 3-4 ft. Large golden-yellow flowers, 2 in. across, are produced on long stiff stems. Brilliant in the garden and fine for cutting. Blooms all summer.Pkt. 10c

HEUCHERA or Coralbells (Perennial)

- 1430 **SANGUINEA SPLENDENS.** 18-24 in. July-Aug. The plants form tufts of lobed leaves, from which rise tall, slender stems bearing dainty, bell-shaped flowers of coral-red. Beautiful in the border and for cuttingPkt. 15c

HOLLYHOCKS, (Perennial)

Stately ornamental plants 6 to 8 feet high, indispensable for the background of perennial borders. Bloom in July and August.

- 1434 **DOUBLE IMPERATOR IMPROVED.** A wonderful new type, with large fringed flowers 6 inches across, the center forming a double rosette. Colors range from delicate pink through cerise-salmonPkt. 20c
- 1437 **DOUBLE MIXED.** Colors: yellow, salmon, rose, red and maroon..... 1/4 oz. 50c; pkt. 10c
- 1440 **ANNUAL EVERBLOOMING.** 3-5 ft. Valuable for sowing where hardy Hollyhocks have failed to survive. Mixed colors. 1/4 oz. 35c; pkt. 10c

HUNNEMANNIA or Tulip Poppy (Annual)

- 1444 **SEMI-DOUBLE SUNLITE.** Height 18 in. July to September. Flowers are a beautiful clear canary-yellow color, about 3 in. across. Unlike other double flowers, this novelty develops a band of short petals on the outside of the cup, which adds to its size and attractiveness. Pkt. 20c

IBERIS, see Candytuft, page 46.



BRIGHTLY COLORED GOURDS arranged in a bowl or basket make an unusual center-piece for the table.



Misty sprays of GYPSOPHILA (BABY'S BREATH) combined with brightly colored GAILLARDIAS.



ANNUAL GAILLARDIAS furnish an abundance of cut flowers even during a hot, dry summer.

GOMPHRENA, Globe Amaranth (Annual)

- 1390 Height 18-24 in. Bushy plants with clover-like blossoms of purple-red, yellow, rose and white. Very attractive in winter bouquets. They should be cut before they are fully open.....Pkt. 10c

For a gay Edging plant Marigold "Double Harmony"



MARIGOLD ROYAL SCOT has velvety brown mahogany flowers with beautiful golden-yellow stripes.

ICE PLANT (Annual)

- 1446 **MESEMBRYANTHEMUM CRYSTALLINUM.** Height 6 in. A curious trailing plant, with thick succulent leaves which are covered with glistening ice-like globules. The flowers are pinkish-white. Very popular for rock gardens and dry sunny borders. ¼ oz. 15c; pkt. 5c

KOCHIA, Summer Cypress (Annual)

- 1465 Height 2-2½ ft. Plants are erect, much-branched and densely pyramidal resembling small closely-sheared evergreens. Foliage is feathery soft bright green, turning to red in fall. ¼ oz. 25c; pkt. 10c

LARKSPUR

Giant Imperial (Annual)

One of the gayest of the summer-blooming annuals, and especially valuable for cutting. The spikes are heavily covered with fully double flowers; individual florets are large and closely placed on the stems. Height 3-4 feet.

- 1470 **BLUE BELL.** Azure blue.
1471 **BLUE SPIRE.** Deep violet-blue.
1472 **DAZZLER.** Rich scarlet.
1473 **MISS CALIFORNIA.** Deep rose on salmon.
1475 **GIANT IMPERIAL MIXED.**

Each of the above, ¼ oz. 40c; pkt. 10c.

HARDY LARKSPUR, see Delphinium, page 47.

HARDY LARKSPUR PLANTS, see page 55.

LATHYRUS

Perennial Pea (Perennial Climber)

- 1480 **LATIFOLIUS.** 6-8 ft. A decorative vine for growing on a trellis or fence. The flowers are borne in large clusters all summer, and are splendid for cutting. Mixed colors: rose, white and crimson. Once established, the roots should not be disturbed. Pkt. 10c

LEPTOSIPHON (Annual)

- 1484 **FRENCH HYBRIDS.** 8-12 in. A charming annual for borders and beds. When planted in masses they form a sheet of trumpet-shaped flowers, ranging from yellow to rose and ivory. Bloom all summer Pkt. 10c

LIATRIS

Gay Feather or Blazing Star (Perennial)

- 1485 **PYCNOSTACHYA.** 4 ft. Thick grass-like foliage and long narrow spikes of rich purple flowers from July to September. Much in demand for cutting purposes as the flowers last long in water. . . Pkt. 15c

LINARIA, Maroccana (Annual)

- 1486 Height 12-18 in. Flowers are small and dainty, resembling miniature snapdragons. The colors range through crimson and gold, pink, mauve, blue and rose. Bloom in about 8 weeks from seed and are excellent for cutting. Pkt. 15c

LUNARIA or Honesty (Biennial)

- 1487 Height 2 ft. Has purple flowers followed by shiny silvery seed pods. It is called "Honesty" because the seeds can be seen through the pods. Very attractive in winter bouquets combined with Physalis and other Everlastings. Pkt. 10c

LOBELIA, Crystal Palace (Annual)

- 1489 Height 6 in. Plants form compact little bushes covered with brilliant, deep blue flowers throughout the summer. Desirable for edgings, bedding and pot culture. ½ oz. 50c; pkt. 10c

LUPINS

Hartwegii (Annual)

- 1493 Height 2 ft. Plants are of robust branching habit with deeply cut dark foliage, and tall graceful spikes of pea-shaped flowers in delicate shades of blue, lavender, pink and white. Fine for cutting. If cut as they mature the plants continue to bloom. . . ½ oz. 25c; pkt. 10c

LUPINS, Polyphyllus (Perennial)

- 1494 Height 3-4 ft. May be classed among the most beautiful of all hardy flowers. The plants form tufts of deeply cut dark green foliage, from which arise the stately spikes of bloom in delicate shades of blue, mauve, pink and yellow. . . Pkt. 10c



You will like the rich, scarlet color of the NEW LARKSPUR "DAZZLER."

LYCHNIS, Chalcedonica (Perennial)

- 1495 **JERUSALEM CROSS.** Height 2-3 ft. One of the brightest plants for the hardy border. Bears large heads of brilliant scarlet flowers, each blossom forming a Maltese cross. Blooms in spring Pkt. 10c

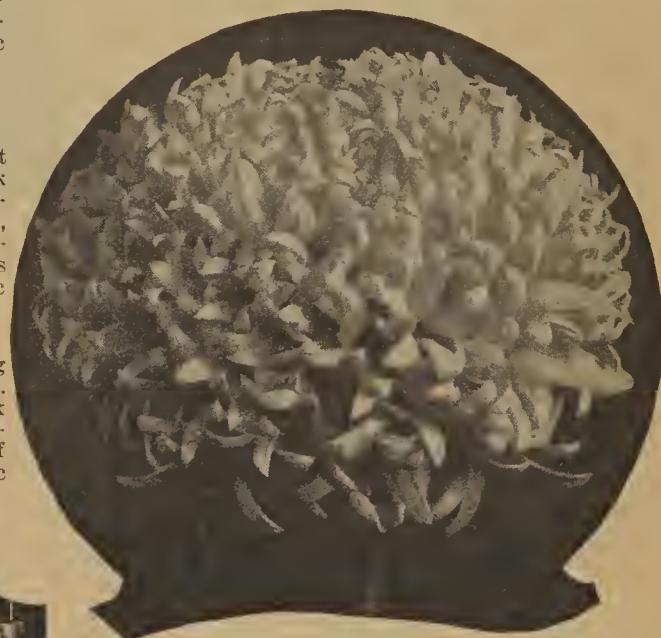
MARIGOLD

Tagetes (Annual)

Of easy culture and exceedingly free flowering, Marigolds provide a wealth of color from early summer until frost.

Marigold Novelty Strains

- 1496 **DIXIE SUNSHINE.** 2½ ft. A tall, stately, Chrysanthemum-flowered type, very late flowering. The brilliant golden yellow flowers are made up of tiny five-petaled florets, gracefully interlocked. . . Pkt. 20c
Seed must be started indoors in March.
1497 **CROWN OF GOLD.** 2½ ft. 1937 All-America Gold Medal Winner. The first Marigold to have odorless foliage. The beautiful, large, orange-colored flowers have centers of short, quilled petals, with a collar of flat, guard petals. . . Pkt. 25c
1498 **YELLOW SUPREME.** 2 ft. The flowers are semi-double, loosely ruffled, of a rich, creamy yellow color. A wonderful companion to Guinea Gold. . . ¼ oz. 50c; pkt. 10c
1499 **GUINEA GOLD.** 2½ ft. Brilliant, golden orange flowers, semi-double and loosely ruffled. A single plant produces from 30-40 blooms. ¼ oz. 40c; pkt. 10c



MARIGOLD DIXIE SUNSHINE. A beautiful, new Chrysanthemum-flowered type.

Double African Marigolds

- 1500 **LEMON QUEEN.** 30 in. Large double-quilled flowers of lemon yellow. ½ oz. 30c; pkt. 10c
1501 **PRINCE OF ORANGE.** 30 in. Immense double-quilled flowers with ends of petals slightly frilled. Color is a deep golden orange. . . . ½ oz. 30c; pkt. 10c
1502 **FINEST MIXED VARIETIES.** All shades from pale yellow to deep orange. ¼ oz. 20c; pkt. 5c

French Marigolds

- 1503 **DOUBLE HARMONY.** 1 ft. Unique in color, with rich deep orange center petals surrounded by broad, velvety maroon-brown guard petals. Extremely early, free flowering and different from any other Marigold. . ¼ oz. 50c; pkt. 15c
1504 **ROYAL SCOT.** 2½ ft. A striking combination of mahogany and gold in symmetrical stripes radiating from the center of the flower. . . ¼ oz. 50c; pkt. 10c
1505 **DWARF DOUBLE MONARCH.**
A compact type with large double flowers, in combinations of orange, bronze, yellow and mahogany. Splendid for borders and edging. . ¼ oz. 20c; pkt. 5c

MATRICARIA

Feverfew (Tender Perennial)

- 1512 **CAPENSIS.** 18-24 in. Plants are bushy in growth, with finely cut leaves and clusters of small, tightly double, white flowers. Excellent for pot plants, bedding and cutting. Pkt. 10c

MATTHIOLA, see Stock, page 52.

New Colors in ^{SWEET SCENTED} Double Nasturtiums

MIGNONETTE, Reseda (Annual)

1516 **MACHET.** 12-15 in. Immense compact spikes of blossoms with a delicate fragrant odor are produced throughout the summer and until late in the fall. Fine for cutting..... $\frac{1}{4}$ oz. 25c; pkt. 10c

MORNING GLORY

Ipomea (Annual Climber)

Beautiful vines of luxuriant growth, covered with large, variously colored flowers all summer. Splendid for covering trellises, arbors and porches.

1525 **MOONFLOWER.** Immense pure white fragrant flowers that open at night and on cloudy days..... $\frac{1}{2}$ oz. 25c; pkt. 10c

1526 **IMPROVED HEAVENLY-BLUE.** Vines are a mass of lovely sky-blue flowers, $2\frac{1}{2}$ -3 inches across, from early summer to frost.....Pkt. 15c

1527 **JAPANESE MIXED.** Flowers are ruffled and fluted from throat to margin. Colors: red, rose, garnet, blue, purple, etc..... $\frac{1}{2}$ oz. 20c; pkt. 5c

1528 **BRAZILIAN MORNING GLORY.** Rosy purple..... $\frac{1}{2}$ oz. 25c; pkt. 10c

Moss Rose, see Portulaca, page 51.

MOURNING BRIDE, see Scabiosa, page 52.

MYOSOTIS or Forget-Me-Not (Perennial)

1535 Height 4-9 in. Plants are of compact habit with large clusters of exquisite clear blue flowers. Flourish in moist shady positions. Require winter protection.....Pkt. 10c



The new **DOUBLE NASTURTIUMS** are miracles of beauty. For making up bouquets in low bowls we could not recommend more striking and effective flowers.

NASTURTIUMS

The Double Gleam and Tall Flowering varieties quickly cover sunny slopes, stone walls or bare spots in the rock garden, while the dwarf sorts are excellent border and edging plants.

1570 **DOUBLE GOLDEN GLEAM.** The large, golden-yellow, double flowers are sweet-scented. The trailing plants are very ornamental and produce a wealth of blossoms.....Oz. 20c; pkt. 10c

1571 **DOUBLE SCARLET GLEAM.** Fiery scarlet, semi-double flowers, with ruffled petals. Fragrant..Oz. 30c; pkt. 10c

1572 **DOUBLE GLORIOUS GLEAM HYBRIDS.** Gorgeously colored flowers of salmon, yellow, cream, orange, scarlet, maroon and rose shades. Sweet scentedOz. 20c; pkt. 10c

1573 **DWARF DOUBLE GEM MIXTURE.** The ideal plant for border and edging use. Dwarf, compact, totally without runners, the plants produce fragrant, semi-double flowers of good size. The color range includes shades of rose, salmon, yellow and scarletPkt. 20c

1574 **DWARF SINGLE MIXED.** 1 ft. Giant flowers in a great variety of gay color combinations as well as the brilliant self-colored sorts..... $\frac{1}{4}$ lb. 40c; oz. 15c; pkt. 8c

1575 **TALL GIANT FLOWERING MIXED.** 6 ft. Excellent for hanging baskets, window boxes or for covering fences or walls..... $\frac{1}{4}$ lb. 40c; oz. 15c; pkt. 8c

For **PANSY PLANTS**
See Pages 56 and 57.



Ruffled Velvety Blooms, three to four inches across, can be grown from the fine strains of Pansy seed we offer.

NEMESIA (Annual)

Dwarf annuals which make pleasing masses of low growth for foreground beds and edging. The orchid-like flowers are often an inch across.

1538 **STRUMOSA GRANDIFLORA.** 1 ft. A splendid strain of large flowered sorts, ranging in color from yellow, orange and blue to red.....Pkt. 15c

1539 **NANA COMPACTA ORANGE PRINCE.** 8 in. Brilliant orange blooms on round compact plantsPkt. 20c

NEMOPHILA, "Baby Blue Eyes" (Annual)

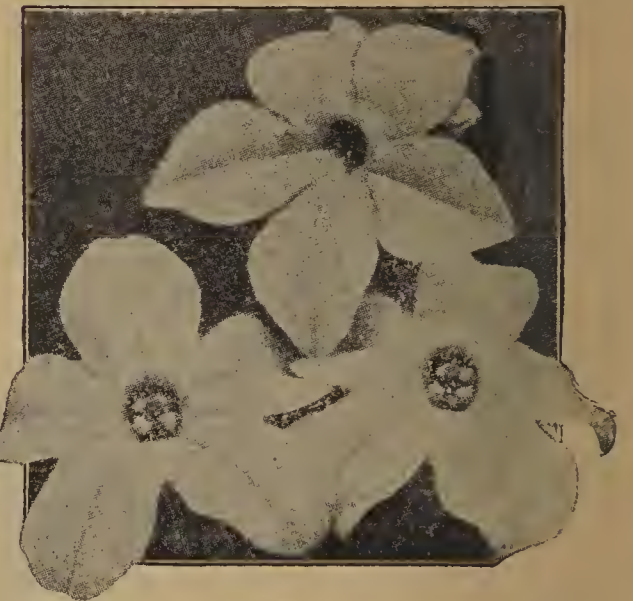
1537 Height 6 in. Blooms quickly from seed and continuously from spring until frost. Showy bell-shaped flowers in shades of blue, white and violet. Fine for edging and borders. Prefers a moist, partially shaded position.....Oz. 30c; pkt. 10c

NICOTIANA, Flowering Tobacco (Annual)

1540 Height 2-3 ft. Plants are of branching habit, and bloom continuously from early summer until frost. The flowers resemble petunias, but have a longer tube. They open toward evening and emit a heavy fragrance. Hybrids mixed..... $\frac{1}{4}$ oz. 25c; pkt. 10c

NIGELLA, Love-in-a-Mist (Annual)

1545 **MISS JEKYLL.** Height 18 in. Plants are compact and free-flowering with finely-cut foliage and large semi-double flowers of a lovely cornflower-blue on long stems. $\frac{1}{4}$ oz. 30c; pkt. 10c



The star-shaped flowers of **NICOTIANA** have a delicious fragrance.

New

GIANT PANSIES

Improved
Strains

The seed may be started indoors in February or in a cold frame in March, in carefully pulverized rich soil. Transplant to open ground in May.

If flowers are picked regularly, the plants will continue to bloom until frost. Protect with a mulch of straw, or similar material in fall, and they will endure hard winters with perfect safety.

SWISS GIANT (Roggli)

1606 **ALPENGLOW.** Beautiful cardinal and garnet red shades.....Pkt. 20c

1608 **LAKE OF THUN.** Ultramarine blue with darker blotches.....Pkt. 20c

1609 **RHEINGOLD.** Yellow with mahogany blotches on lower petals.....Pkt. 20c
One pkt. each above for 50c.

1628 **ROGGLI SWISS GIANTS MIXED.** Gigantic flowers of heavy texture on strong stems. The colors are choice and rare, surpassing in quality and range all other Swiss Giants. $\frac{1}{8}$ oz. \$1.25; pkt. 25c

1620 **ENGLEMANN'S SPECIAL GIANT.** Re-selected to a strain of immense flowers from the old Scottish Show type. Bronze and reddish shades. Vigorous, compact and early flowering.....Pkt. 35c

1629 **MASTERPIECE OR RUFFLED PANSIES.** A remarkable strain of Giant Pansies with beautifully frilled petals, so full as to appear almost double. Rich colors, with dark velvety shades predominating..... $\frac{1}{8}$ oz. 75c; pkt. 15c

1631 **TRIMARDEAU MIXTURE.** A superior strain, with robust deep-rooting plants and flowers of mammoth size and great substance. Choice mixed colors..... $\frac{1}{8}$ oz. 30c; pkt. 10c

Showy Annual Phlox for a Brilliant Color Display

GIANTS OF CALIFORNIA the largest Single Petunias known.



PETUNIAS

Petunias surpass all other annuals for bedding purposes. They thrive in poor soil and under the most adverse conditions and bloom continuously throughout the summer until killed by heavy frosts. Seed started in the hotbed in April will produce blooming plants in June.

Giant Flowering Varieties

100% All-Double Giant Fringed

- 1653 **ALL-DOUBLE GIANT FRINGED MIXED.** This wonderful new strain produces 100% double-flowering plants. The flowers are exquisitely fringed and often measure 5 inches across. An extra fine mixture of bright and intermediate shades.....Pkt. 50c

Giant Single Flowering Ruffled

- 1655 **GIANTS OF CALIFORNIA MIXED.** Enormous flowers, fringed and ruffled, with attractive deep throats beautifully marked and veined. A well-balanced mixture of light and dark colors, including copper-red, rose and pink..Pkt. 25c

Balcony Varieties

Particularly recommended for porch and window boxes. The plants are of trailing habit, with immense single flowers, three inches in diameter. Produced in great abundance from early summer until killed by frost.

- 1656 **DEEP BLUE.** Beautiful deep violet-bluePkt. 15c
1657 **DAMASK ROSE.** Brilliant Tyrian rose.Pkt. 15c
1658 **STAR OF CALIFORNIA.** Violet, shaded crimson and starred with five pure white blotches.....Pkt. 25c
1659 **BLACK PRINCE.** Deep rich velvety redPkt. 15c

Bedding Varieties

Dense bushy little plants, 8-12 inches high, literally covered with flowers. Indispensable for borders, pots, rock gardens and bedding.

- 1647 **GENERAL DODDS.** Velvety blood-redPkt. 10c
1648 **COCKATOO.** Violet-purple with irregular white spots and stars.....Pkt. 20c
1649 **ROSE OF HEAVEN.** Brilliant rose.Pkt. 10c
1650 **VIOLACEA.** Deep rich violet-blue.Pkt. 15c
1651 **FINEST MIXED BEDDING PETUNIAS.** ¼ oz. 40c; pkt. 10c

For PETUNIA PLANTS, see page 57.

PENTSTEMON, Beard Tongue (Perennial)

- 1638 **SENSATION.** 2 ft. Produce handsome stalks of long-tubed Gloxinia-like flowers, often 2 inches across, in the most brilliant and varied shades of red, pink and violet. Bloom all summer and are splendid for cutting. If started indoors in March, they will flower freely the first year.....Pkt. 15c

PHLOX

Drummondii Grandiflora (Annual)

Improved Annual Phlox rivals in size the hardy perennial varieties and is unsurpassed for massing and bedding. It provides an un-failing display of color and cut flowers from early July until well into October.

- 1664 **GIGANTEA ART SHADES.** 9 in. A new strain with enormous flowers in a wonderful range of colors. Blended together with a complete absence of harsh colors, this mixture forms a color combination never before seen in Annual Phlox.....Pkt. 20c
1666 **FINEST BEDDING MIXED.** 12 in. ¼ oz. 35c; pkt. 10c
1673 **STAR CHOICE MIXED.** 12 in. ¼ oz. 40c; pkt. 10c

For HARDY PHLOX PLANTS, see page 55.

PHYSALIS, Chinese Lantern Plant (Perennial)

- 1675 **FRANCHETTI.** 18-24 in. Plants form dense bushes and bear bright, orange-scarlet pods, resembling miniature Chinese lanterns. May be dried and used for winter bouquets. Very attractive when combined with Lunaria.Pkt. 10c

PINKS, see Carnation, Dianthus and Sweet William.

PLATYCODON, Chinese Bell or Balloon Flower (Perennial)

- 1679 **GRANDIFLORA BLUE.** Height 18-24 in. Handsome compact-growing plants, bearing an abundance of broad, bell-shaped blue flowers in July. The flowers when in bud have the appearance of inflated balloons.....Pkt. 10c

PORTULACA Moss Rose (Annual)

Plants have thick creeping foliage covered with a profusion of gay, rose-like flowers in brilliant colors. They delight in a dry sunny position and sandy soil.

- 1712 **SINGLE MIXED.**... ¼ oz. 20c; pkt. 10c
1713 **DOUBLE MIXED.**... ¼ oz. 75c; pkt. 10c
PYRETHRUM or Painted Daisy (Perennial)

Valuable hardy garden plants with beautiful daisy-like flowers in all shades of pink, rose and crimson. Their long flowering period, long stems and wonderful lasting properties make them very popular for cutting. Height 1-2 feet.

- 1725 **SINGLE MIXED.**... ½ oz. 50c; pkt. 10c
1726 **DOUBLE MIXED.**.....Pkt. 25c



Sow PORTULACA in low border edgings, between stepping stones and in the rock garden. It makes a brilliant floral carpet.

POPPIES (Annual)

- 1691 **AMERICAN LEGION.** An improved variety of Flanders Poppy. Flowers are a brilliant orange-scarlet of enormous size, on long stout stems. ¼ oz. 25c; pkt. 10c
1692 **GIANT SHIRLEY (Silk or Ghost).** 1 ft. Beautiful satiny flowers, 4 inches across, with fluted, crinkled petals. Colors contain delicate shades of rose, apricot, salmon-pink and crimson with occasional blues. Foliage is hairy and finely cut.Oz. 30c; pkt. 10c
1695 **DOUBLE SHIRLEY POPPY, "Sweet Briar,"** Deep rose-pink flowers, full and double. Resembles a large double Begonia.Pkt. 15c
1704 **SINGLE MIXED.** Especially fine for massing. Large flowers in a great variety of colors.Oz. 25c; pkt. 10c
1705 **DOUBLE CARNATION FLOWERED.** Immense double flowers with fringed petals, many striped. Finest mixed colors.Oz. 30c; pkt. 10c

CALIFORNIA POPPY, see Eschscholtzia, page 55.



NEW ICELAND POPPY "EMPEROR" with silky-textured, fluted flowers of deep tangerine orange.

POPPIES (Perennial)

Iceland Poppies (Nudicaule)

To brighten the garden, you can make no better choice than the new improved Iceland Poppies. They bear immense flowers with broad, deeply-fluted petals, giving a semi-double effect. Bloom freely the first year from seed if sown early.

- 1707 **THE EMPEROR.** 18 in. Deep tangerine, orangePkt. 20c
1708 **THE EMPRESS.** 18 in. Shades of salmon and rose-pink.....Pkt. 20c
1709 **YELLOW WONDER (Amurense).** 1937 All-America Selection. 24 in. Bright buttercup yellow. Heat and drought resistant.....Pkt. 20c

ORIENTAL POPPY

- 1710 Height 2-3 ft. For gorgeous coloring Oriental Poppies have few rivals among hardy plants. The flowers are often 6 inches across and are borne on tall stems. Produce a magnificent effect in the shrubbery or hardy border. Pkt. 10c

RHODANTHE, Everlasting (Annual)

- 1729 **MANGLESII ROSE.** 1 ft. One of the few everlastings which retains its grace and beauty after being dried. The flowers should be cut before they fully expand to retain their beautiful bell formPkt. 10c

RICINUS or Castor Bean (Annual)

- 1730 **RED SPIRE.** 6-8 ft. Foliage plants of luxuriant and rapid growth, valuable for backgrounds and screens, producing a rich tropical effect. The leaves are of enormous size, deeply lobed and conspicuously veined, dark green and bronze in color.....Oz. 25c; pkt. 8c

SCABIOSA CAUCASICA.

Blue Bonnet (Perennial)

1758 **GIANT HYBRIDS.** Height 18-24 in. Handsome hardy plants that thrive in ordinary garden soil. The semi-double flowers are 2 to 3 inches across and are borne on long stout stems; color is an exquisite lavender-blue shading to deep blue. Exceptionally good for cutting.....pkt. 15c

SCHIZANTHUS, Butterfly Flower (Annual)

1764 Height 18-24 in. Plants are of bushy luxuriant growth, with delicate finely-cut foliage and exquisite orchid-like flowers in a great range of bright colors, blotched and marked in contrasting shades. One of the daintiest of annuals.Pkt. 10c

SHASTA DAISY, see page 46.

SNAPDRAGON, see Antirrhinum, page 44.

STATICE, Sea Lavender (Annual)

1769 **SINUATA.** 1-2 ft. Suitable for growing in rock gardens and charming when dried for winter bouquets. The flowers are produced in racemes on long, graceful stems. Colors: rose, blue and white; retains its true colors when dried.. ½ oz. 20c; pkt. 5c

STEVIA (Annual)

1770 **SERRATA.** 2 ft. A fine bouquet mixer. Sprays of small white, sweetly-scented flowers are borne on long slender stalks. Flowers quickly after sowing.Oz. 65c; pkt. 10c

STOCKS

Giliflower (Annual)

Their deliciously-scented flowers are borne in branching spikes on velvety-leaved plants. The secret of growing good Stocks in the garden is to start the seed early indoors, prick the seedlings into tiny pots, and keep them growing rapidly until they can be set outdoors in the richest possible soil.

1772 **DWARF TEN WEEKS.** 12 in. Large-flowering, double, fine for bedding. Finest mixed colors.....Pkt. 10c

1774 **BEAUTY OF NICE.** 18 in. Double. Come into bloom twelve weeks from sowing. Deep flesh pink.....Pkt. 15c

1777 **GIANT IMPERIAL.** 24 in. Double. Given sufficient room, the plants form magnificent bushes with long, thick flower. Finest mixed colors.....Pkt. 15c

1778 **EVENING SCENTED STOCK.** (Matthiola Bicornis.) 15 in. Small rosy lavender flowers which emit a delicious perfume after dark.....Oz. 30c; pkt. 5c



Among the oldest and best-loved garden flowers are STOCKS or GILIFLOWERS.



SALPIGLOSSIS is one of the most richly colored of all garden flowers.

SALPIGLOSSIS, Painted Tongue or Velvet Flower (Annual)

1741 Height 2-2½ ft. Beautiful velvety petunia-like flowers, greatly prized for cutting. They range in color from various shades of purple and blue through red and yellow to creamy white, delicately veined and penciled with gold. Bloom from July to frost.....¼ oz. 50c; pkt. 10c

SALVIA

Scarlet Sage (Annual)

Handsome summer and autumn-flowering annual with brilliant flowers; very effective for massing, bedding and cutting. Useful also for window box and pot plants.

1745 **SPLENDENS.** 2-3 ft. Plants are much branched with large spikes of bright scarlet flowers produced in profusion during the summer and fall. This is the old favorite bedding variety.....¼ oz. 75c; pkt. 10c

1746 **FIREBALL.** 15-18 in. Compact plants with fiery scarlet flowers on massive spikes, erect and stiff; over 200 spikes to a plant is not unusual.½ oz. 65c; pkt. 10c

SAPONARIA, Soapwort (Annual)

1749 **VACCARIA ROSEA.** 2 ft. Produce a profusion of light graceful sprays of satiny-pink flowers. Charming in bouquets combined with other flowers.½ oz. 25c; pkt. 5c

SCABIOSA

Pin-cushion Flower (Annual)

Showy in the garden and one of the finest annuals for cutting. Bloom continuously from early summer until frost, in a wide range of rich, beautiful colors. They grow 2 to 3 feet high, with flowers on long slender stems; also known as Mourning Bride.

1750 **LOVELINESS.** A glorious salmon-rose color.

1751 **KING OF THE BLACKS.** Reddish-black.

1752 **AZURE FAIRY.** Delicate lavender-blue.

1755 **FIERY SCARLET.**

1757 **FINEST MIXED.**

Each of the above, ¼ oz. 30c; pkt. 10c.

SCARLET RUNNER BEAN, see page 3.



PERENNIAL SCABIOSA is a worth-while addition to any garden as it blooms from early summer to frost.



To have strong, thrifty plants and large flowers, sow seed of **SWEET WILLIAM** every year.

STOKESIA, Cornflower Aster (Perennial)

1780 **CYANEA.** 2 ft. One of the choicest flowers for the garden and indispensable for cutting. Plants are much branched and bear freely from July until frost, the handsome lavender-blue flowers which measure from 4 to 5 inches across. Of easy culture, succeeding in any open, sunny position.....Pkt. 10c

SUNFLOWER

Helianthus (Annual)

1830 **MINIATURE SUNFLOWER.** 3-4 ft. Produce flowers in many shades of rose, bronze and orange. Bloom all summer and are useful for cutting. Foliage is small and graceful.....Pkt. 10c

1831 **RED SUNFLOWER.** 4-6 ft. Curled petals in various shades of red and orange, beautifully shaded and bordered..Pkt. 10c

1832 **MAMMOTH RUSSIAN.** 8-10 ft. Huge flat flower heads grown for the seeds which are fed to parrots, poultry and birds. Planted in the poultry yard the plants furnish shade, and when planted in the vegetable garden the stalks will serve as poles for climbing or pole beans.Large pkt. 5c

Sweet Peas

THE FINEST NEW ORCHID-FLOWERING SPENCERS

Pink and Rose

- 1837 **DAMASK ROSE.** Bright carmine-rose. Pkt. 10c
 1838 **SHIRLEY TEMPLE.** Soft rose-pink. Frilled Trial Pkt. 15c
 Mammoth Pkt. quoted on page 40..25c
 1839 **ANNIE LAURIE.** Richest pure deep rose-pink. Pkt. 15c
 1847 **LADY GAY.** Delicate shrimp-pink. Pkt. 15c
 1850 **MAGNET.** Bright cream-pink. Pkt. 10c

Cream and White

- 1841 **WHAT JOY.** Frilled deep cream. Pkt. 10c
 1848 **AVALANCHE.** Best all-white. Pkt. 10c

Scarlet and Crimson

- 1843 **RED BIRD.** Bright crimson-red. Pkt. 15c
 1846 **FLAMINGO.** Sunproof cerise-scarlet. Pkt. 10c
 1853 **THE CARDINAL.** Brilliant poppy-scarlet. Pkt. 10c

Purple and Lavender

- 1840 **OLYMPIA.** Rich purple....Pkt. 10c
 1845 **LAVANDA.** Pure lavender..Pkt. 15c

Salmon and Orange

- 1842 **BARBARA.** Very fine salmon-orange. Pkt. 10c
 1844 **VALENCIA.** Bright sunproof orange. Pkt. 10c
 1854 **PIRATE GOLD.** Deep golden-orange. Pkt. 10c

Blue

- 1852 **THE ADMIRAL.** Largest and best navy blue.....Pkt. 10c
 1855 **CHINESE BLUE.** Solid, rich deep blue.....Pkt. 15c

Various Shades

- 1849 **WARRIOR.** Red maroon. Pkt. 10c
 1851 **AMERICA.** Flaked carmine on white ground. Pkt. 10c
 1856 **SUNKIST.** Cream, picotee edged rose. Pkt. 10c
 1865 **RAINBOW MIXED SPENCER.** Composed of Giant Waved Spencer varieties in a complete color range. 1/4 lb. 50c; oz. 25c; pkt. 10c
 1875 **EARLY FLOWERING SPENCER MIXED.** Come into bloom a month earlier than the other sorts, producing immense frilled flowers on long stems. Suitable for garden and greenhouse culture. Mixed colors. Oz. 50c; pkt. 10c



The NEW SWEET PEA LAVANDA blends perfectly with the soft rose of Shirley Temple.

SWEET ROCKET, Dame's Violet (Perennial)

- 1880 **HESPERIS MATRONALIS.** 2-3 ft. Hardy herbaceous plants, covered with showy spikes of purple and white flowers. Deliciously sweet-scented after sunset. Splendid for cutting.....Pkt. 10c

SWEET ALYSSUM, see Alyssum, page 44.

SWEET SULTANS, see Centaurea, page 46.

SWEET WILLIAM

Dianthus Barbatus (Perennial)

One of our finest hardy garden plants, of easy culture and thriving in any good garden soil. Grow 12 to 18 inches high, with flowers in flat clusters on tall stiff stems.

- 1890 **SINGLE LARGE FLOWERING MIXED.** 1/2 oz. 35c; pkt. 10c
 1891 **DOUBLE LARGE FLOWERING MIXED.** 1/2 oz. 50c; pkt. 10c
 1894 **PINK BEAUTY.** Beautiful salmon-pink. Pkt. 10c
 1895 **SCARLET BEAUTY.** Intense, brilliant scarlet. Pkt. 10c

TRITOMA, Red-Hot Poker (Annual)

- 1897 **HYBRID MIRABILIS.** 2-3 ft. Also known as Torch Lily or Flame Flower. Produces striking orange-scarlet flower spikes from August until frost. Start seed indoors in March and set plants out in May. The roots may be taken up in late fall and stored like Dahlia roots.....Pkt. 15c

VENIDIUM FASTUOSUM (Annual)

- 1898 Height 2-3 ft. Deep, brilliant orange, daisy-like flowers, 4-5 inches across, with a double row of petals, the upper row having a glossy reddish-brown center. Germinates readily and flowers profusely. Very effective in bouquets, as well as for garden displayPkt. 25c

VERBENA

Giant Hybrid (Annual)

Unsurpassed for massing in large beds. The plants are of low spreading growth and are covered with brilliant flowers from June to frost. Average trusses measure 3 1/2 inches across. Valuable for cutting.

- 1899 **BEAUTY OF OXFORD HYBRIDS.** Shades from rose-pink to rose-red.....Pkt. 15c
 1900 **BLUE AND PURPLE SHADES.**.....Pkt. 10c
 1907 **LUCIFER, VIVID SCARLET.**.....Pkt. 10c
 1908 **GIANT HYBRID MIXED VERBENAS.** This mixture includes shades of blue, lavender, purple, yellow, rose and scarlet. Will provide flowers for cutting all summer.....1/4 oz. 40c; pkt. 10c



The gorgeous orange flowers of **TITHONIA** make a brilliant showing in the garden.

TITHONIA (Annual)

Golden Flower of the Incas

- 1896 **SPECIOSA.** 6-8 ft. A rare plant native to Mexico. The flowers are a flaming orange-scarlet, 3-4 inches across. Colorful and effective for tall backgrounds. Seed should be started in the open ground in late April or early May. Pkt. 15c

1928 **EVERLASTINGS.** The best straw-flowers and other Everlastings in a fine mixture for winter bouquets..Pkt. 15c

SWEET PEA COLLECTIONS

Gold Medal Blend

One	Shirley Temple—Pink	60c Prepaid (Value 85c)
Pkt.	Chinese Blue—Deep Blue	
Each	Annie Laurie—Deep Pink	
	Lavanda—Lavender	
	Red Bird—Bright Red	

Sunset Blend

One	Flamingo—Scarlet	40c Prepaid (Value 50c)
Pkt.	Valencia—Orange	
Each	Olympia—Purple	
	Damask Rose—Rose	
	The Admiral—Blue	

PERENNIAL PEA, see page 49.



VENIDIUM has jolly golden-orange daisies with enormous black and brown centers.

CHOICE

ZINNIAS

Zinnias are the most popular annuals for cutting, bedding and garden display. They may be had in bloom from early summer until killed by frosts.

CULTURE—Zinnias are not particular as to soil, but prefer a sunny location and plenty of moisture. When the plants are 2 or 3 inches high, they should be thinned out to stand 12-15 inches apart. If allowed ample room for proper development the flowers will be more completely double.

Giant Dahlia Flowered

Height 3 ft.

Huge, double flowers, often measuring 4 inches in depth and from 4-5 inches across. The petals are broad, and closely imbricated, resembling the show type of Dahlia. Flower in 60 days.

1931 DREAM. Lavender turning to purple.

1932 CANARY BIRD. Primrose yellow.

1933 LUMINOSA. Bright deep rose.

1934 CRIMSON MONARCH. Rich crimson.

1935 ORIOLE. An immense orange and gold bicolor.

Each of the above, ¼ oz. 45c; pkt. 10c



GIANT DAHLIA FLOWERED is a magnificent strain producing enormous flowers in brilliant colors.

Crown O' Gold

Height 3 ft.

1950. **MIXED COLORS.** Crown O'Gold is the aristocrat among Zinnias, deriving its name from the fact that each petal of the flower is overlaid at the base with deep golden yellow. The color range includes rose, cream, yellow, lavender and carmine. ¼ oz. 50c, pkt. 15c.

California Giants

Height 3-4 ft.

Very large double flowers, averaging 5-6 inches in diameter when in full bloom. Somewhat flat in form, the flowers have a most graceful appearance and are splendid for cutting. Bloom in 60 days.

1960 **GRENADIER.** Extra fine dark red.

1962 **ORANGE KING.** Burnt orange.

1963 **ROSE QUEEN.** Rose with deep rose center.

1964 **SCARLET GEM.** Glowing scarlet.

1965 **CALIFORNIA GIANT MIXED.**

Each of the above, ¼ oz. 45c; pkt. 10c



Mexicana or Miniature Zinnias (HAAGEANA)

This dainty little Zinnia should be in every garden. Arranged in low bowls for table decoration it makes the daintiest and most attractive bouquets imaginable. Also a splendid rock garden and border plant.

1979 **MIXED COLORS.** Flowers are double and semi-double, 1½ inches across, and come in a most unusual color range—rose tipped yellow, maroon tipped cream, yellow tipped red. Plants grow 10-15 inches high. ¼ oz. 45c; pkt. 10c

The Flower Educator

Lovers of flowers will read with interest and pleasure Audel's Flower Educator. Contains over 600 pages and hundreds of illustrations including full page plates of flowers. Printed in large type, easy to read. Flexible art binding. A much appreciated gift.

Complete Pocket Size Reference Index **\$1.50** ppd.

Giant

ZINNIA COLLECTION

One { Dahlia Flowered Mixed.
Pkt. { California Giant Mixed.
Each { Double Picotee Mixed.
Scabiosa Flowered Mixed. } **35c** ppd.

FANTASY is a cactus-petaled Zinnia—very new and different. Try it in your garden this year. See description above.

Midget

ZINNIA COLLECTION

One { Lilliput or Pompon Mixed.
Pkt. { Red Riding Hood.
Each { Pumila Picotee Delight Mixed.
Mexicana or Miniature Mixed.

for **30c** ppd.

Novelty Zinnias

1968. **PICOTEE GIANT DOUBLE MIXED.** Large double flowers, measuring 4 inches or more in diameter. Colors are orange, yellow, pink and flesh with edges of petals serrated and tipped with a contrasting color. Pkt. 10c

1969. **SCABIOUS FLOWERED.** 2½ ft. Flowers have a collar of broad outer petals, surmounted by a full double crest of short, tubular petals. Colors range from pale rose to crimson, scarlet, orange and yellow. Invaluable for cutting. Pkt. 15c

1970. **FANTASY.** 2-2½ ft. A striking novelty of the curled and crested type, and far superior to quilled Zinnias in form and color. The large flowers are composed of shaggy ray-like petals and present a very artistic appearance. Color range includes the brightest shades of red, yellow and orange as well as pastel pinks and cream. Pkt. 15c



This is **EARLY WONDER GYPSY**—the burnished orange Zinnia that blooms in 30-40 days from sowing.

Bedding and Border Zinnias

1974. **EARLY WONDER GYPSY.** 15-18 in. Blooms within 30-40 days from sowing. The richly-colored flowers of burnished orange are of medium size, on long wiry stems—excellent for cutting. Plants may be grown close together, there is very little foliage. Pkt. 15c

1975. **IMPROVED LILLIPUT OR POM-PON.** Unsurpassed for bedding and cut flower purposes. The plants form handsome little bushes 12 to 15 inches high, and are literally covered with small, double flowers all summer until killed by frost. Mixed colors. ¼ oz., 30c; pkt. 10c

1976. **RED RIDING HOOD.** Ht. 1 ft. Plants are of compact bush form, covered with intense scarlet flowers not over an inch across. Very effective in solid beds and for edging, and especially recommended for cutting. ¼ oz. 30c; pkt. 10c

1977. **PUMILA PICOTEE DELIGHT.** Height 15-18 in. Dwarf plants with extra double flowers in a mixture of many attractive shades including salmon, buff, cream, yellow and lavender. Petals are beautifully picotted and ruffled. ¼ oz. 45c; pkt. 10c

Graceful Sprays of Stevia mix well in Bouquets



The creamy blooms of YUCCA are shown to best advantage against the dark foliage of leafy shrubs or evergreens.

VERONICA, Speedwell (Perennial)

1918 SPICATA. 18-24 in. Showy plants with glaucous foliage and tall spikes of handsome blue flowers. Bloom in July and August. Beautiful in the garden and fine for cutting. Pkt. 10c

VIOLA CORNUTA, Tufted Pansy (Perennial)

1919 VIOLAS are closely related to pansies and violets. They are very hardy and make fine edging plants for the border or rock garden, as they bloom continuously. The dainty, starry flowers are gracefully poised on long, slender stems. Mixed colors, including lavender, orange, purple, blue and yellow. Oz. 35c; pkt. 10c

WALLFLOWER, Double (Annual)

1920 Height 12-15 in. A splendid variety suitable for either bedding or pot culture with the main spike covered with double fragrant blossoms of brown and golden yellow. Seed started indoors in February will produce flowering plants in July. Mixed colors. Pkt. 20c

WILD CUCUMBER (Annual Climber)

1925 ECHINOCYSTIS LOBATA. 20 ft. Grows rapidly and is thickly dotted with pretty white, fragrant flowers, followed by ornamental prickly seed pods. Oz. 25c; pkt. 5c



VIOLAS will bloom from early summer to frost, if faded flowers are regularly removed.

YUCCA, Adam's Needle (Perennial)

1929 FILAMENTOSA. 3-5 ft. Plants present a striking tropical appearance with their strong sword-like foliage and tall spikes of creamy white flowers. Bloom in July. Very effective in the border and rock garden. Pkt. 10c

PRICES PERENNIAL PLANTS

Except as noted

30c each, 3 for 75c,
6 for \$1.35, 12 for \$2.50

Postage Extra (See Below)

HARDY PERENNIAL PLANTS

Plants marked with a star (★) are suitable also for Rock Gardens.



Well arranged Flower Borders Provide Cheerful Color and an Abundance of Flowers for Cutting from Spring to Frost.

COLORFUL IRIS

Note: In descriptions "S" refers to standards or upright petals; "F" refers to falls or lower petals.

AMBASSADEUR. S., reddish violet; F., velvety purple maroon.

BUTO. Deep royal purple. Gigantic flower. Each 30c.

EUPHONY. Beautiful chamois-yellow, falls zoned blue. Ruffled.

IDEAL. A beautiful royal blue. Awarded Certificate of Merit.

PRAIRIE GOLD. Pure golden yellow.

PRINCESS BEATRICE. An entrancing shade of soft lavender.

PROSPER LAUGIER. S., light bronze-red; F., ruby-purple.

ROSA BONHEUR. S., soft old gold; F., mauve, edged gold.

SEMINOLE. General effect wine-red. Beautifully frilled.

TAJ MAHAL. White with large petals of great substance.

TRUE CHARM. White, with blue feathered edge. Fragrant.

Each 20c, 6 for \$1.00, 12 for \$1.75, not prepaid.

SIBERIAN IRIS. 3-3½ ft. Blooms in June. Rich violet-blue flowers on graceful stems. Particularly good for cutting. Foliage narrow and grass-like. Very attractive for garden display. Each 25c, 6 for \$1.25.

Add
Postage

If plants are wanted by parcel post, add 12c for 3 plants; 15c for 6 plants; 25c for 12 plants.

We cannot accept plant orders under 60c.

PRICES COLORFUL IRIS

Except as noted

20c each, 6 for \$1.00
12 for \$1.75

Postage Extra (See Below)

FUNKIA, Lavender Lily. 18 in. Attractive plants with broad overlapping leaves and dainty lily-like flowers in July and August. Excellent border plant for shady position.

GAILLARDIA, Burgundy. Shining wine-red flowers on long, stiff stems. Bloom all summer.

HIBISCUS (Mallow Marvels). 4 ft. Tall, shrub-like plants bearing large, showy flowers throughout the summer. Colors, crimson, pink and white.

HOLLYHOCKS. Tall stately perennials, growing from 3 to 6 feet high. Has giant flower spikes in all colors.

★MOSS PINKS. (Phlox Subulata). Pretty moss-like evergreen foliage hidden in April and May under a mass of bloom. May be used for carpeting the ground or for covering graves.

PHLOX, HARDY. Beautiful hardy border plants, with clusters of crimson, pink and white flowers in July and August. 2 to 3 feet high.

PYRETHRUM, Painted Daisy. Plants grow in neat compact tufts and produce an abundance of showy flowers in all shades of pink and crimson. Bloom in June.

★SEDUM, Stonecrop. Dwarf creeping plants for the rock garden. A variety of foliage and bloom, pink, yellow and white. Each 20c, 6 for 85c.

SHASTA DAISY. Large glistening white flowers in June and July. Free flowering and invaluable for cutting.

SWEET WILLIAM (Dianthus barbatus). Blooms in June and July. Mixed colors, ranging from deep crimson to white. Plant in masses.

★STATIC LATIFOLIA. Great Sea Lavender. Height 18-24 inches. Leathery, dark green leaves spring directly from the root stock. The minute, purplish-blue flowers are borne in much-branched panicles on long twiggy stems in July and August.

VIOLA, Tufted Pansy. Improved Scotch strain. 8 in. Rich green foliage with bright pansy-like flowers in a complete color range, from May to frost. Ideal for edging or the rock garden.

Rare Plant Novelties

New Blaze-o-Mum

The Plant of a Thousand Blooms

Now Offered in Red, Pink and Bronze Colors

The plant marvel of surpassing beauty. First time offered last season when the demand could not be met. Immensely popular, and now offered in three colors—red, pink, and bronze.

By planting in May it will develop a plant from 18 to 24 inches across, that will be literally covered with hundreds of beautiful pompon shaped flowers. They bloom in September and continue a mass of color until destroyed by heavy freezing.

We call it the plant of a thousand brilliant blooms, resembling Azaleas, and providing a blaze of color for the autumn garden. "Blaze-o-Mum" belongs to the hardy Chrysanthemum family and is truly the flower sensation of the day. Plants will survive northern winters and may be divided the following spring.

Price: 3 plants, one of each color, for 85c, 6 for \$1.50, prepaid.

Color Illustration on Page 40.

Pelargonium (AZALEA)

So named because when in bloom it is so covered with flowers as to resemble the Azalea plant. Unlike many varieties of Pelargoniums (sometimes called the Lady Washington) this variety has no tendency to shed its blooms soon after opening. The flowers remain in full beauty for many weeks. It is truly a wonderful plant, deserving the popularity it now enjoys. May be grown indoors or in flower beds during the summer months.

Price: 35c each, 2 for 60c, 4 for \$1.00, 10 for \$2.50, prepaid.

Large plants in full flower 75c each, not prepaid. Make a wonderful gift.

Mammoth Flowering May Daisy

FOR DECORATION DAY FLOWERS

A Decoration Day Daisy—perfectly hardy, producing blooms three to four inches across, with small yellow center. The flowers are borne on stems two feet long—excellent for cutting. Beautiful in garden or border planting. They multiply rapidly, and roots should be divided in August and reset. A light winter covering of straw or litter is advisable.

Price: 25c each, 10 for \$2.00, prepaid.—Not prepaid, 25 for \$4.50

Decorative House Ferns

FOR YOUR WINDOW GARDEN

BOSTON FERN — Long, graceful, drooping fronds, often attaining a length of 5 or 6 feet. (See illustration, page 57.)

MINIATURE or Table Fern—Very dwarf, with leafy, light green fronds. Plant with Flowering Begonia for table centerpiece.

PLUMOSIS or Asparagus Fern. Finely divided feathery foliage. Also known as Lace Fern.

SPRENGERI (Feather Fern)—Long drooping branches; used for hanging baskets and window boxes.

WHITMANI—Fine cut leaf, feathery foliage.

Price: 30c each, 10 for \$2.25, prepaid.

Greenhouse size, 75c each, 10 for \$5.00, prepaid. Add 15c for packing on plant orders less than 60c.



Pelargonium (Azalea).
No Finer House Plant.



Mammoth May Daisies.
Earliest of All.



New Blaze-O-Mum.
The Plant of a Thousand Blooms.
Now in Red, Pink and Bronze—(Color Illustration on Page 37).

Primrose (PRIMULA OBCONTICA)

A wonderful house plant that can be depended upon to bloom for many months. The colors come in shades of deep pink and red. This plant withstands well the conditions in the average home, and can be depended upon to bloom from fall until spring.

Price: Small plants from May 1st on 25c each. Large plants in flowers from September on, 50c each, prepaid.

New September Flowering Korean Hybrid Chrysanthemums

Bloom Ten Days to Two Weeks Earlier Than the Original Korean Hybrids. Mammoth Size Flowers in Brilliant Colors.

Selected from thousands of seedlings for their increased hardiness, brilliant coloring, and early blooming season, this new race is especially welcome for cold climates where the ordinary Chrysanthemum winter-kills. The varieties here offered will begin flowering in early September and continue well through October. Especially desirable for cut flowers on account of their long keeping qualities.

CLIO—Deep carmine-rose duplex flowers, produced abundantly on dwarf, compact plants.

FORTUNA—Vigorous plants of medium height, covered with unique, curly petaled, oxblood-red flowers 3-4 inches in diameter. Very striking.

VESTA—Plants of medium height and great vigor, literally covered with 2½-inch flowers of deep golden orange.

Price of above, each 40c. SPECIAL, 3 plants 99c, prepaid. (See color illustration, page 40.)

New Double Petunias

"WORLD BEAUTY"—Entirely new, having large, double fringed flowers of the most beautiful rosy-carmine color. Plants are of dwarf compact growth, making this grand new sort particularly desirable as pot plants as well as for bedding. All Petunia lovers will want this variety. We can truthfully say that it is the last word in Petunias. Price: 35c each, 3 for \$1.00. Large plants 50c each, 3 for \$1.25, prepaid.

"AFRICANA" New All-Double Purple. The flowers of this plant are of enormous size, measuring three to four inches in diameter. The color is a very deep royal purple with a reddish hue. The color does not fade with age. It attains enormous size and has been known to have three to four dozen fully developed flowers at one time. This is a worthy companion to World Beauty and should be in every collection. Price: Large plants 50c each, 3 for \$1.25, prepaid. (See color illustration, page 40.)

Tuberous Rooted Begonias

A delightful plant produced from a large tuber or bulb from which it derives its name. These plants withstand the heat of the summer well and are desirable either for indoor culture or for window boxes in positions partly shaded. The flowers are large and double, measuring four to five inches across, and come in shades of yellow, pink, red, and white. After the blooming period is past, the bulbs may be kept in semi-dormant condition until spring, and started again.

Price: 75c. Extra size \$1.00, not prepaid. Ready from June 1st to September 1st.

Hardy Chrysanthemums Aster Flowering

RODELL—Golden yellow. October blooming.

ALADDIN—Bronze. Earliest of all and most outstanding of the hardy Chrysanthemums.

JEAN TREADWAY—Sparkling pink, with rose center.

RED FLARE—Large, double mahogany red blooms.

Price: 3 for \$1.00, 5 for \$1.35, prepaid.

DECORATIVE HOUSE and BEDDING PLANTS

Plants for Flower Beds and Window Boxes

Shipment in May and June.

AGERATUM. New Riverside. Large feathery blue flowers blooming all season. Dwarf, compact-growing plants.

Price: 15c each, 10 for \$1.35, prepaid.

BEGONIA. Waxy leaf. Easy to grow. Pink flowers. Continuous blooming.

Price: 20c each, 10 for \$1.75, prepaid.

CANNAS. Brilliant red flowers. Large showy foliage.

Price: 30c each, 10 for \$2.25.

COLEUS. Handsome foliage plant, in brilliant color combinations.

Price: 2 for 25c, 10 for \$1.00, prepaid.

FUCHSIA. Very popular old-fashioned house and window box plant. Reddish pink flowers.

Price: 20c each, 10 for \$1.65, prepaid.

GERANIUM. The most popular of all house and window box plants. In red, salmon, rose-pink, white. Well developed plants in bloom or bud.

Price: 25c each, 10 for \$2.00, large size 35c, prepaid.

LONICERA. French Honeysuckle Vine. Golden foliage.

Price: 20c each, 10 for \$1.65, prepaid.

MARGUERITE DAISY. Beautiful white daisy, yellow center. Height 12-18 in.

Price: 15c each, prepaid.

PETUNIA. Balcony type in pink, purple and white.

Price: 15c each, 10 for \$1.35, prepaid.

SALVIA. Also called Scarlet Sage. Crimson flowers 12-18 in. tall. Blooming mid-summer to late fall. Very showy.

Price: 2 for 25c, 10 for \$1.00, prepaid.

VERBENA. Very showy, dwarf plants, in red, pink, lavender and white.

Price: 15c each, 10 for \$1.35, prepaid.

VINCA. The most popular vine for window boxes.

Price: Strong plants 20c each, 10 for \$1.65, prepaid.

Plants for Cut Flowers

Twice transplanted, shipped from flats—not potted—not in bloom.

ASTERS. Wilt-resistant type, in pink, purple, white and red colors.

LARKSPUR. Annual. Blue flowered spikes, always popular and showy.

SALVIA. Also called Scarlet Sage. Crimson flowers, blooming mid-summer to fall.

SNAPDRAGON. Free blooming—well known flowers, in rose, pink and gold colors.

VERBENA. Brilliant flowers from June to frost, in blue, pink, scarlet and rose.

ZINNIAS. California Giants. Outstanding, large double flowers, 5-6 in. diameter in violet, orange, scarlet and bronze colors.

Prices: Your choice of above bedding plants—dozen 35c, 100 for \$2.35, prepaid.

Pansy Plants

Large Flowered Varieties in All Colors and Shades

Price: Large size plants in flower—dozen 60c, 3 dozen \$1.50, prepaid.

LENOX MISTY SPRAYER

Just the thing for house plants. It throws a misty spray under or over the plants, thoroughly drenching the foliage and removing dust and insects. Any liquid insecticide or poison can be used, and every part of the plant can be sprayed effectively. Price: 75c. Extra bulbs 30c each, prepaid.

For Insecticides see page 73.



Giant California Zinnias—showiest of all Annuals.

Add 15c for Packing on Plant
Orders Less Than 60c



The always popular Boston Fern.

Every flower lover should properly label rare plants with Peerless Plant Markers—indestructible—inexpensive—easy to read. See page 36.

MRS. RITCHIE'S GARDEN BIRDS

Decorative—Desirable
—Practical

Beautiful, natural appearing Garden Birds. Finished in weather-resisting enamel in life-like colors. Swivel-mounted on 22-inch green enamel steel stake. Attractive in outdoor gardens—in ferneries and flower pots, in solarium or flower nook. Made of heavy steel—life-size—5 varieties shown opposite.

3 (any variety)
prepaid for45c

Order a full set.
5 subjects
prepaid for.....70c



House Plants

To arrive in bloom for Easter, Mothers' Day or Decoration Day.

EASTER LILIES. Most popular large flowering white Lily. Plants shipped in bud, timed to open for Easter. Average size plants \$1.00, larger plants \$1.50 each, not prepaid.

BABY RAMBLER ROSES. To arrive in mass of buds and blooms. These may be planted out of doors after blooming and will continue to bloom throughout the summer and fall. Average size plants \$1.00, larger plants \$1.50. Not prepaid.

BEGONIAS, REX. With outstanding, large, brilliant foliage. Always showy, easy to grow.

Price: 35c each, 10 for \$2.50, prepaid.

FRENCH HYDRANGEA. Beautiful ball-shaped flowers in pink, red and blue shades. To arrive in bloom.

Price: Average size plants \$1.00, larger plants \$1.50, not prepaid.

FUCHSIA. New improved type. Old-fashioned house plant. Large size plants. Pink flowers.

Price: 35c each, large plant 75c, prepaid.

IVY. Super-branching. Newest, dense growing Ivy Plants for indoor culture. Very popular. Price: 30c each, 10 for \$2.25, prepaid.

LANTANA. Very showy plants, easy to grow. Beautiful flowers in bronze, pink and orange.

Price: 20c each, 10 for \$1.65, prepaid. Not prepaid, 25 for \$3.00.

PELARGONIUM (Azalea). Very free blooming. Flowers resemble Azalea. Beautiful foliage.

Price: 35c each, 10 for \$2.50, prepaid. Large plant 75c, not prepaid.

PETUNIA, California Giants. World's Beauty, newest variety. All double flowers in brilliant shades of rose, lavender and red. Flowers mammoth size. Blooming from April to fall.

Price: 35c each, 10 for \$2.25, prepaid. Not prepaid, 25 for \$5.00.

SANSEVERIA (Snake Plant). Very decorative, striking foliage, easy to grow. One of the most popular house plants.

Price: 30c each, 10 for \$2.25, prepaid. Not prepaid, 25 for \$4.50.

Geraniums

Most Popular of All House Plants
and Easiest to Grow.

Well developed plants, in bloom or bud.

LaContable. Rose pink. Most showy.

Radio. Red. Very popular.

Madame Landry. Salmon. Outstanding.

White Queen. Best of the whites.

Price: 25c each, 10 for \$2.00, prepaid. Not prepaid, 25 for \$4.50.

Gloxinias

House plants of exceptional beauty, with large, downy leaves conspicuously veined. The richly colored trumpet-shaped flowers are borne in profusion on sturdy stems rising 6 in. above the foliage. Colors: violet, purple, reddish or white, often marbled or spotted with darker shades. Ready from June 1 to Sept. 1. Price: 50c, 75c, and \$1.00, according to size. Not prepaid. (Bulbs offered on page 41.)

NU-LIFE PLANT GROWER

A most highly concentrated plant food. Will pep up the sickest plants. Easy to apply. Inexpensive, and a guaranteed plant life-saver.

Price: Liberal trial package 10c, 1/2 lb. 30c, 1 lb. 45c, prepaid. See page 72 for further description.

PASTURE AND MEADOW MIXTURES



Many Tons of Palatable Hay good for all Livestock, were Produced from this Timothy and Alsike Meadow.

PASTURES ARE PROFITABLE

Pastures furnish not only one-half of the total feed for animals, but the only really cheap feed.

The better management and improvement of pastures is one of the most important needs of American agriculture. Well-planned and properly-managed pastures not only provide a large amount of nutrition for livestock, but also serve to keep down weeds.

By the use of pastures, animals harvest their own feed, chores are reduced, the manure is left on the land, animals have a better choice of feed, and gains are cheaper.

All classes of livestock do well on pastures which are very important to the health of these animals and economy of production.

Combinations or mixtures of suitable pasture plants are generally more desirable than one kind of plant seeded alone. The mixture affords variety, adds palatability and often increases the production per acre. A single grass or legume may fail to make a good stand when others catch well. Very frequently gaps or open places are filled up by a mixture. It is considered very important to include both grasses and legumes in pasture and meadow mixtures.

TIMOTHY AND ALSIKE MIXTURE

Permanent and Productive

1. It makes an excellent permanent pasture as both grasses are perennials.
2. It may be grown on slightly acid soil where Red, Sweet Clover or Alfalfa do not thrive.
3. The hay produced is very leafy, of fine quality and richer in protein than Timothy alone.
4. More tons per acre can be produced.
5. Fertility will be added to the soil through the Alsike, and the Timothy will grow much better as a result.
6. All classes of livestock like the hay.
7. Good returns may be expected on uplands as well as lowlands.
8. Timothy and Alsike mixed will produce more feed per acre than if two separate fields of Timothy and Alsike were grown for hay and mixed.
9. More seed is produced per acre than from two separate fields of Timothy and Alsike. This allows us to make a lower seed price to the farmer than if he bought Timothy and Alsike seed separately and mixed them.

We offer two mixtures of Timothy and Alsike. One contains 20% to 25% Alsike, and is a very popular mixture, grown to a great extent. For those who wish a larger percentage of Alsike, we supply a mixture having 30% to 35% Alsike. This mixture is becoming increasingly popular and we believe that from now on it will be in as big demand as the 20% to 25% mixture. Sow about 12 lbs. of either mixture to the acre. Price: Lb. 25c, 5 lbs. \$1.00, postpaid. For prices on larger quantities, see Blue Figure Price List.

Special Mixture for Thin Alfalfa Stands

During the past few years, many promising fields of Alfalfa have been thinned out due to drought. Inasmuch as Alfalfa is perhaps the outstanding hay crop grown in the country, and since in some localities it is somewhat difficult to get a stand, the Ohio Experiment Station has found that by seeding a special mixture on Alfalfa fields that are somewhat thin, an abundance of hay or pasture of high feeding value may be obtained.

Springtooth or disc the Alfalfa field early in the spring and seed the following mixture, harrowing it in lightly after seeding: 4 lbs. of Alfalfa, 4 lbs. of medium Red Clover, 2 lbs. of Alsike Clover, 2 lbs. of Timothy. Mix your seed well and plant this quantity per acre. A very fine field of hay or pasture will result if growing conditions are favorable.

ALL SEASON PASTURE AND MEADOW MIXTURE

For all soils except low, wet ground. We offer this special pasture and meadow mixture designed to supply hay or grazing throughout the entire season. This mixture is made up of hardy, strong-rooted grasses and clovers and will resist the extremes of our cold northern winters and hot, dry summers; also endures close pasturing.

Pasture and hay lands, when used for feeding livestock, have shown more profits than most other kinds of crops. In the government program to curtail production of grains and corn, pasture and hay combinations are recommended to be planted on those acres which otherwise would be idle. In the past there has always been a shortage of high quality hay in many sections of the country and it will be many years before an oversupply can be produced.

This All Season Mixture includes Kentucky Blue Grass, Timothy, Red Top, Alsike, Red Clover, Brome Grass, Meadow Fescue, and Domestic Rye Grass in proper proportions. Sow at the rate of 25 lbs. per acre. Price: Lb. 35c, prepaid. Not prepaid, 10 lbs. for \$2.75. See Blue Figure Price List for larger quantities.

MIXTURE FOR LOW WET GROUND

For land that is occasionally overflowed. This pasture and meadow mixture contains grasses that withstand overflowing of the land without being drowned out. The following mixture has proved most satisfactory for this purpose: Red Top, Timothy, Alsike, Brome Grass, Domestic Rye Grass and Reed Canary Grass, mixed in the proper proportions. After a few seasons, the Red Top, Brome Grass and Reed Canary Grass will predominate, giving you a permanent pasture or meadow that will yield many tons of hay having high feeding value.

Where a single grass is preferred, we would recommend Reed Canary Grass. (See page 59.)

Sow 20 to 25 lbs. per acre. For top seeding, sow 10 to 15 lbs. per acre. Price: Lb. 35c, prepaid. Not prepaid, 10 lbs. for \$2.75. See Blue Figure Price List for larger quantities.

PERMANENT HOG PASTURE MIXTURE

Permanent Hog Pasture Mixture contains the following mixed in the right proportion to produce the greatest feeding value:

Alfalfa.	Meadow Fescue.
Red Clover.	Domestic Rye Grass.
Alsike Clover.	Bromus Inermis.
Sweet Clover.	Timothy.

This mixture can be sown any time, from early spring until midsummer, and does not require any particular kind of soil, in fact, any soil that produces crops of small grain or corn, will answer the purpose. Because of the large amount of clover and alfalfa it contains, it serves the double purpose of providing the hogs with pasture of high feeding value, and building up the soil at the same time. Sow 25 lbs. per acre. Price: See Blue Figure Price List.

ANNUAL HOG PASTURE MIXTURE

ONE ACRE ENOUGH FOR 40 SPRING PIGS OR 20 OLDER HOGS

This mixture was put up to meet the demand for a pasture that will develop young pigs rapidly, and produce pork at a minimum cost. It contains all the necessary body and bone building elements, and will prove much more economical than the use of corn, grain and mill feed throughout the year. A good pasture of legumes, grasses and grains, will keep hogs in healthy condition, fatten them quickly, so that but little corn is required to finish them off. Our balanced ration mixture consists of the following in the right proportions:

Amber Cane.	Rye.
Vetches.	Oats.
Field Peas.	Dwarf Essex Rape.
Barley.	Sudan Grass.

One acre of pasture sown to this mixture is sufficient for 30 to 40 spring pigs, or 15 to 20 older hogs. It is best to divide the hog pasture into two parts and change the hogs from one section to the other, about once a week, to give the grains and grasses a chance to recuperate. Sow at the rate of 60 to 85 lbs. per acre. Price: See Blue Figure Price List.

We offer free, if requested, with an order for Pasture and Meadow Mixtures of \$2.00 or more, the valuable booklet entitled, "Our Pastures—They Deserve Better Care," Published by the International Harvester Co.

F. S. & N. Co.

We have been very much pleased with all seeds purchased from your firm and it gives us great pleasure in recommending your seeds to our friends.

Emil Peterson, Nashota, Wis.

Feb. 28, 1936

F. S. & N. Co.

Had a wonderful crop of F. S. & N. Co.'s Ideal Silo Corn last season. Folks passing by all remarked about the stand. When I'm planting fodder corn, I know I'll use it again.

Joe Swedberg, Blackduck, Minn.

HARDY GRASSES

REED CANARY GRASS (*Phalaris arundinacea*)

The Peat and Swamp Land Wonder Grass

There is a reason for the great popularity of Reed Canary Grass. It has reclaimed many worthless swamps and is making real profits for hundreds of farmers. It is especially adapted to boggy soils, swamps and marshes.

Reed Canary is not a new grass, but has been grown in Central Minnesota for about 30 years.

Four to Six Tons of Hay Per Acre

Such yields are not unusual. The hay has high feeding value and is eagerly consumed by all livestock. One acre will pasture three to four dairy cows throughout the season. The great demand for Reed Canary Grass Seed also is a source of a fine profit.

A Hardy Perennial Grass

Reed Canary Grass is a perennial and will thrive until broken up. The plants are cold resistant—both as seedlings and in the mature stages. Reed Canary Grass is not a dangerous grass like Quack, but can be easily controlled by plowing. This grass grows rapidly, beginning early in the spring. The heads appear about the first week in June and are ripe about four weeks later. Leaves are broad, light green in color, and the plants often grow five to six feet in height. The underground stems rapidly form a tough sod that will hold up hay-making machinery without difficulty.

Reed Canary Grass will produce an abundance of pasture from early spring until fall. It should be kept grazed very close except in the fall. For hay, cut as soon as the heads begin to appear as the grass contains the highest feeding value and is finest at this stage. Two or three crops of hay and some fall pasture may be obtained by such a practice.

How To Grow the Crop

Prepare a good seed bed, for it will take less seed and make a better stand. If possible, plow in the fall which allows early spring seeding. The seed will germinate in water, but if covered by soil underneath the water, it will not grow until the water has drained off.

Experiments have shown that Reed Canary Grass responds readily to planting with a companion crop such as flax, small grains, Timothy or Bromus Inermis. The value of planting such a crop is as follows: it will hold the weeds in check; it will shade the ground and keep it from drying out so quickly, thus protecting the young Reed Canary Seedlings which grow so much more slowly than other grasses until they are fully established. After Reed Canary Grass is out of the seedling stage, it grows very rapidly and will crowd out all other grasses and weeds so that eventually you will have a permanent meadow or pasture, consisting entirely of Reed Canary Grass.

Rate of Seeding

Sow any one of the following companion crops with Reed Canary Grass: flax at the rate of 35 to 42 lbs. per acre—small grains at one-half the regular rate. Timothy broadcast at the rate of 4 to 5 lbs. per acre, or Bromus Inermis broadcast at the rate of 4 to 5 lbs. per acre.

Sow the seed in the spring as early as possible so that the seedlings may become well established before the weeds begin to grow. On very weedy land, seed the last week in June or the first week in July, discing your land up to this time in order to kill the weeds. Seeding may also be done in August or in October if there is any difficulty in getting onto your land in the spring. The seed should be sown at the following rate—broadcast, 5 to 6 lbs. per acre; drilled, 2 to 3 lbs. per acre in 16 to 18-inch rows. Use a packer on peat after seeding. Price: See Blue Figure Price List.

CRESTED WHEAT GRASS

The Ideal Dry Land Pasture Grass

Crested Wheat Grass is a hardy, drought-resistant perennial bunch grass. It has a longer productive period than Slender Wheat Grass or Bromus Inermis. It is native to the cold, dry plains of Russia and Siberia, and it is particularly adapted to the Great Plains section of the United States.

Probably due to its extensive root system which permits storage of abundant food reserves and ready utilization of water, Crested Wheat Grass makes an early and rapid growth. It has a tendency to become dormant during an extremely hot dry period, but resumes its growth in early fall, continuing until late in the season. It grows at low temperatures and is able to utilize the soil moisture and to check the growth of other grasses and weeds where the moisture supply is limited. In the semi-arid regions—Kansas, Nebraska, Montana, Wyoming and the Dakotas, this grass does best, although it appears to do well anywhere. When used as pasture for sheep, no matter how badly it has been subjected to use, it comes right up again.

Seed Production Profitable

Crested Wheat Grass produces 400 lbs. of seed per acre grown under dry conditions on fields two or more years old. Any good field will produce 200 to 300 lbs. per acre. There is a great demand for seed.

Sow 10 lbs. of seed to the acre. After obtaining a good stand, no cultivation is necessary, as it will choke out all weeds. Harvest it once a year. Price: Lb. 65c, 5 lbs. \$3.00, postpaid. For larger quantities, see Blue Figure Price List.

TIMOTHY

A hardy, perennial resistant to both cold and drought—it is best adapted for sowing with Clovers which supply nitrogen to the soil and increase the vigor of the Timothy. It may also be sown with grains as a nurse crop. The soil must be well pulverized and the seed slightly covered. Do not cut too early or pasture too late in the fall after the hay is cut. Timothy produces 1½ to 3 tons of hay per acre and should be cut at flowering time. Sow 15 to 20 pounds per acre alone; with Clover, 10 to 12 pounds per acre. Price: Lb. 20c, 5 lbs. 75c, postpaid. See Blue Figure Price List.

RED TOP

A hardy, perennial grass, found almost everywhere, but predominating on low, marshy ground, where it forms luxuriant growth. It grows 2 to 5 feet high, depending on soil and climatic conditions, with creeping roots, which enable it to grow on very wet and even very dry soil where other grasses grow but sparsely. It makes good pasture, and fair hay, if cut early, but the matured plants are wiry and coarse. It is best grown with other grasses and clover. Price: Lb. 40c, 5 lbs. \$1.80, postpaid.

HARBIN LESPEDEZA

Harbin Lespedeza is a hardy drought-resistant early strain of Korean Lespedeza. It is designed to fill a big gap in the pastures of the northern states where other clovers and alfalfas cannot be grown to advantage.

Harbin Lespedeza makes its best growth in summer when pastures become brown and bare. It grows readily in sour soil and matures seed even north of the Canadian border.

It loves hot weather and is very drought-resistant.

Harbin is a legume and should be inoculated. It will prevent erosion as it grows rapidly and does well on bare spots and in ditches.

Harbin Lespedeza will produce as much as 600 lbs. of clean seed per acre. It is important to buy northern grown seed.

For pasture purposes, plant 5 to 6 lbs. per acre in 6-in. drills. Price: Single lbs. 50c, 5 lbs. \$2.35, 10 lbs. and more at 45c per lb., postpaid. Subject to price change.

CREEPING BENT GRASS

This grass makes a fine, dense, firm turf which withstands hard usage; it is ideal for lawns, terraces, and putting greens on golf courses because it makes a compact sod due to its spreading habit. It makes rapid growth in a year, crowding out other grasses. Our seed is true to name and of finest quality. Sow 3 to 4 pounds per 1,000 square feet. Price: Lb. 75c, 10 lbs. \$7.00, postpaid. See Blue Figure Price List.

SEE BLUE FIGURE PRICE LIST FOR QUANTITY PRICES.

BROMUS INERMIS

Bromus is a vigorous, hardy perennial with strong, creeping roots which makes excellent hay and pasture on poor, dry soil or on moist, low ground that is flooded at times. It may be sown on hillsides, terraces and levees to keep the soil from being washed away. It makes an early growth, two to three weeks before any other grass, and remains green until November. It will stand close cropping.

It grows 3 to 4 feet high, yielding large crops of palatable hay, 2 to 4 tons per acre. Cut for hay when in full bloom. It is also a profitable seed crop.

Sow at the rate of 25 to 30 pounds per acre with one-half the usual quantity of small grain. Price: Lb. 40c, 5 lbs. \$1.80, postpaid.

KENTUCKY BLUE GRASS

This famous grass does well almost everywhere on soil that is fairly rich, moist and moderately well drained. For best results, there should be lime present in the soil. Kentucky Blue Grass will last for many years as the plants spread from underground roots and it rarely needs reseeding. Blue Grass is the best of all grasses for lawns, golf courses and parks. When sown alone use 35 to 40 pounds per acre. Price: Lb. 35c, 5 lbs. \$1.60, postpaid.

DOMESTIC RYE GRASS

This grass is well adapted for pastures, meadows and lawn, as it endures close cropping and makes a dense, leafy undergrowth. It thrives almost everywhere but grows best in moderately rich soil. Domestic Rye Grass does better on moist soil, sow 20 to 30 pounds per acre. Price: Lb. 25c, 5 lbs. \$1.00, postpaid.

MEADOW FESCUE

This hardy western grass stands more abuse than Timothy and other grasses and will stand close cropping, drought and unfavorable soil conditions. Meadow Fescue grows two to three feet high and produces a very leafy undergrowth. In sowing alone, use 20 to 25 pounds per acre. Price: Lb. 35c, 5 lbs. \$1.60, postpaid.



After Harvesting Reed Canary Seed, a Hay Crop Can Be Cut Immediately.



HARDY NORTHERN GROWN ALFALFA



The production of hardy northern grown Alfalfa Seed is again below normal. Millions of acres which have been wiped out by the drought of the past few years will have to be replanted. We strongly urge our farmer

friends in the northern states to plant only hardy Alfalfa varieties which State Experiment Stations and reputable seed houses recommend as being adapted to their needs. We cannot too strongly emphasize the importance of knowing where your Alfalfa and other grass seeds were grown. The United States Seed Verification Service gives to the buyer of Alfalfa Seed, proper assurance that such seed was produced where stated on the Verified Origin Seed Certificate

attached to each bag. This service was inaugurated by the Government when it was found that unscrupulous seed dealers were substituting strains that were non-hardy or otherwise unadapted in place of those that were entirely suitable for the colder sections of the country. Only seedsmen who meet with the prescribed regulations can be verified origin dealers. We have qualified as such and any Alfalfa that we send you will be sealed and tagged, either with U. S. Verified Origin Certificates, or with a certificate and seal from the state in which the seed was grown.

Be sure to look for the Verified Origin Seed Tag or an authorized State Tag on every bag.

GRIMM ALFALFA—For Permanence and Yield

Grimm Alfalfa was introduced by Wendelin Grimm in Carver County, Minnesota. It is a very hardy, time-tried variety, and has been tested thoroughly throughout the United States, in many foreign countries and Canada. It has many lateral or branching roots which are not found in common Alfalfas, and has large spreading crowns. It appears to grow better where there is a hardpan sub-soil to contend with than many other varieties. The root system undoubtedly plays a big part in its hardiness, enabling it to withstand soil heaving, freezing and thawing better than varieties having only a single taproot. The blossoms of Grimm Alfalfa are variegated from white and yellow to deep purple.

Grimm Alfalfa produced in Minnesota, the Dakotas, Montana and Idaho, is known to be very hardy. Our Minnesota Grimm is produced largely in Lake of the Woods County, near the Canadian Border. Montana Grimm is grown in the dry-land areas of Montana and is able to withstand severe drought as well as cold. Therefore, the strains of the Grimm Alfalfa that we offer, will give you complete satisfaction. Price: Lb. 55c, postpaid. See Blue Figure Price List for Larger Quantities.

In quantities of 30 lbs. or more, Grimm Alfalfa sold in Minnesota or Wisconsin must be Registered and State Sealed.

MINNESOTA BLUE TAG GRIMM ALFALFA

(State Registered and Sealed)

Seed Crop Very Short in 1936.

Grimm is a hardy, dependable variety very much in demand. The drought of the past season has cut down the seed crop and consequently there will be less Blue Tag Grimm Alfalfa available than for many years. It is necessary that you order early if you want Blue Tag Grimm. Be sure to see our special offer on the back of catalog envelope.

LADAK ALFALFA

Introduced in the U. S. in 1910, from the mountain regions of northern India, by the Dept. of Agriculture. Planted at Havre, Montana, in 1916, it showed no winter-killing for ten years, while the injury to other varieties was extensive. Ladak withstands more severe winters than any other alfalfa.

In the alfalfa hay-producing states a disease known as bacterial wilt has begun to affect production. Ladak is highly resistant to wilt disease.

Ladak Ranks High as Hay-Producer in Drought Sections

Ladak produces a larger first cutting than other alfalfa varieties, which makes it particularly well adapted to regions where only one or two crops are produced each year because of drought or a short growing season. Ladak resists drought and produces a good yield of hay when other varieties are practically at a standstill.

The hay is very leafy and of high feeding value, under dry land conditions it is of exceptionally high quality.

Price: Lb. 70c, 5 lbs. \$3.25, postpaid. See Blue Figure Price List.

VARIEGATED ALFALFA

Variegated Alfalfa is of a type very similar to Grimm with blossoms having a color range of white, yellow and purple. It is thought by many to be of the same origin as Grimm but no definite records of the origin were kept so it cannot be definitely stated from what variety it came. It has shown itself to be completely hardy in the most severe climate of Minnesota, the Dakotas and Montana and can be recommended as being very desirable for seeding in any part of northern United States where winter hardiness is essential. Price: Lb. 45c, postpaid. See Blue Figure Price List.

Common Alfalfa

DAKOTA NO. 12

This is the most commonly grown variety of Dry Land Alfalfa since it has given the best of results on all types of soil and under all climatic conditions. Our seed stocks come from fields that have been in Alfalfa many years and the plants which endure the extremes of hot summers and severe winters and dry, high altitudes are thoroughly hardy. Only a fair crop of seed of this variety was harvested because of the dry season and consequently, there will not be an oversupply. As Dakota No. 12 is always in great demand, we suggest placing your orders as early as possible. The performance of this variety has made it extremely popular in southern Minnesota, Iowa, Illinois, and other states in the mid-west and east. Price: Lb. 45c, postpaid. See Blue Figure Price List.

MINNESOTA COMMON

This strain resembles Dakota No. 12. It is very hardy and produces large yields of quality hay. The climatic conditions under which it is grown are as severe as any found in this country and consequently only those plants that are hardy have been able to survive. We offer you seed from fields that have been established for many years and we can recommend this variety for Northern climates. Price: 45c per lb., postpaid. See Blue Figure List for quantity prices.

COSSACK ALFALFA

Cossack Alfalfa was brought over from Siberia by Prof. Hansen of the South Dakota Experiment Station some years ago. This strain, under observance for five years in Russia, during which time not a single plant winter-killed, was proven to be absolutely hardy.

In recent years, the demand for Cossack has been increasing and there never has been sufficient seed to take care of all requirements.

Cossack Alfalfa produces a somewhat finer hay than many of the other varieties and is equally as hardy as Grimm.

Cossack Alfalfa seems to withstand intense cold, heat and drought equally well. The flowers, like those of Grimm, have a great range of colors, white, purple, yellow, striped, etc. We advise sowing 15 lbs. per acre. Price: Per lb. 50c, postpaid. See Blue Figure Price List.

We quote prices on small quantities of Alfalfa postpaid. For prices on larger quantities, see Blue Figure Price List.

We offer two valuable booklets, entitled, "Alfalfa in the Northwest," and "Alfalfa for Feed, Seed, and Fertility"—either one free with your order.



Hardy Grimm planted on the left; non-hardy seed was planted on the right.

What to do With Acres Taken out of Production

In the Soil Conservation Program many million acres of land will be removed from the production of wheat, corn, tobacco and cotton, and planted to pasture, meadow, and soil improvement crops.

The following practices are among those approved by the government:

1. Plant as a permanent pasture such grasses as Blue Grass, Red Top, Orchard Grass, Meadow Fescue, Timothy, Red Clover, Alsike Clover, White Clover, Sweet Clover, seeded alone or in proper mixtures.
2. Plant meadow crops such as Clover, Timothy, Alfalfa.
3. Plant soil improvement crops to be plowed under, such as Soy Beans, Vetch, Rye, Field Peas, Sweet Clover and other cover and green manuring crops.

MINNESOTA GROWN CLOVER SEED

Only Northern Grown Clovers can be depended upon for Hardiness

There is much complaint of worn-out soils, weeds and unprofitable crops coming from those who once secured bountiful yields and satisfactory profits when the land was new. Those who have used Clover regularly in the cropping system have no such complaints. Some kind of Clovers may be grown in practically every part of the United States. They have beneficial action on the soil and may be seeded with practically all kinds of grains. Clovers also serve as outstanding hay and pasture crops.

MEDIUM RED CLOVER

Medium Red Clover fits better into crop rotations than any other legume. It will increase the yield of succeeding crops, besides furnishing many tons of hay of high protein content. The first crop is usually cut for hay, before it comes into full bloom. The second crop may be cut for hay or seed or turned under, to fertilize the soil.

Red Clover is a biennial which means that it will grow for two seasons only and then must be reseeded. It is adapted to any well drained soil free from acidity and is better for general northwest conditions than any other clover. It furnishes luxuriant pasture and hay for cattle but is not quite so good for horses.

Sow Red Clover at the rate of 10 lbs. per acre with small grain or flax. Use about one-half or two-thirds of a normal seeding of grain or flax so as not to smother the clover. We use a clover seed attachment to the grain drill, sowing the seed ahead of the drills and cover it lightly with a harrow. Price: Lb. 50c, postpaid. See Blue Figure Price List.

ALSIKE CLOVER

Alsike Clover has the same soil-building properties as Red Clover, storing nitrogen in the soil, thereby increasing the yields of succeeding grain and corn crops from 25 to 50%. It is a true hardy perennial, with fiber instead of tap roots, and is not injured by thawing and freezing.

Alsike can be sown on soil that is slightly acid or sour, where lime cannot be applied, and where other clover or alfalfa will not grow. It can be sown on heavy, wet, or low soil that sometimes becomes waterlogged, and also endures drought well.

It makes better hay than Red Clover, because of its fine smooth leafy foliage. Its feeding value is nearly equal to that of alfalfa. It makes very fine pasture, as it is extremely hardy.

The seed of Alsike is very fine, therefore, only 7 or 8 pounds per acre are required. As a seed crop, it is often more profitable than Red Clover. It is cut for seed when two-thirds of the heads are ripe.

Alsike Clover has its place in the crop rotation the same as Red Clover and for best results is usually reseeded at the end of two years' growth. Price: Lb. 50c, postpaid. See Blue Figure Price List.

There is a great need for more acres of hay, pasture and soil improvement crops, and those kinds that we list are recommended by experiment stations and the United States Department of Agriculture.

We urge you to buy only high quality seeds, for you then can be assured of the very best results.

There will be many acres of Clover and other grasses planted to hay and pasture and as the supply of hardy northern grown seed is not over-abundant, there is likely to be a shortage in many of the varieties. In order to be certain that you will have sufficient seed to take care of your acreage, we suggest that you place your order without delay. A down payment will hold the seed until wanted and the balance can be sent at shipping time.

The "Master Farmer" trade-mark assures you of the very finest seed obtainable. Insist on the "Master Farmer" brand when you buy your seed.



Clovers are an important factor in soil renovation through maintaining or increasing in the soil the supply of vegetable matter and the supply of nitrogen.

Clovers have a heavier root system that leaves vegetable matter and fertility in the soil when it dies or when plowed under. Clover should be cut for hay as soon as the first blossoms begin to turn brown. This will result in the greatest yield of palatable hay.

MAMMOTH RED CLOVER

Extremely hardy, and valuable for fertilizing poor soil which is too low and heavy for growing Red Clover. It makes the best permanent hog pastures, seldom freezing out, and produces a large crop of hay, as much as 3 to 5 tons to the acre. Sow 5 to 6 lbs. per acre, with small grain, for plowing under. For a hay crop, sow 8 to 12 lbs. per acre. Grows on acid soil where Medium Red and Alfalfa fail. Yields again as much as Medium Red Clover, though the hay is rather coarse. Price: Lb. 50c, postpaid.

See Blue Figure Price List for Quotations on All Farm Seeds.

WHITE CLOVER

Best for lawns and pastures. White Clover is sown mostly in mixture with other grasses, especially with Blue Grass, for lawns, golf grounds, also for pastures for sheep and cattle. It thrives best in moist soil containing lime and considerable humus, but is also grown on sandy soil which is not too loose and dry. For lawns sow 5 to 6 lbs. mixed with grass seeds, to the acre. Price: Lb. 45c, 5 lbs. \$2.00, prepaid. See Blue Figure Price List.

TEST YOUR OWN SOIL WITH SOILTEX

Success with alfalfa, clover, sweet clover, soy beans, and other legumes, depends largely upon the condition of your soil. If it contains acid, you cannot expect a good stand. To correct acid soil condition, crushed lime rock may be spread on the land, at the rate of 1½ to 4 tons per acre.

SOILTEX enables you to determine if your soil needs lime, and how much. The test is very simple. A small quantity of soil is placed on waxed paper folded lengthwise, and the Soiltex solution dropped on one end of the soil until it is saturated. After standing a short time, the solution is drawn from the other end of the soil and its color compared with the color chart, to determine the reaction and lime requirement. Directions with each outfit, and material for 100 tests.

SOILTEX outfits are being used in agricultural colleges, by county agents, farmers. Price: \$1.00, postpaid.



Clovers Enrich the Grower as Well as the Land.

—(Courtesy International Harvester Co.)

Don't Experiment with Cheap Seeds of Inferior Quality—Buy Master Farmer

SWEET CLOVER

Sweet Clover as a Hay or Pasture Crop

Sweet Clover is the leading crop in the United States. As a biennial legume, it fits in with any crop rotation, besides yielding a very large return of hay and pasture. Sweet Clover may grow one to three feet the first season and may be clipped for hay or pastured lightly if it makes a good growth. During the second year, it grows very dense and rapidly and if cut for hay, it should be done early in the season, before the blossoms appear and the stems become woody.

Cut Sweet Clover six to eight inches above the ground. Allow the hay to wilt a few hours, then place in small cocks until it is dry enough to stack. One acre furnishes pasture for two to four cows throughout the season. Cattle rarely bloat on it.

As a Soil Builder and Weed Control

Sweet Clover grows on clay, sandy, alkaline, or gumbo soil. It prevents drifting of shifting sandy soils. The hardpan subsoil is loosened by the heavy penetrating roots, allowing the necessary aeration and depositing large quantities of humus and nitrogen. Sweet Clover is a rank, dense grower of great value in exterminating weeds such as quack grass, thistle, etc.

Use 15 lbs. of scarified seed per acre with a nurse crop of one-half the usual seeding of oats or wheat or 28 to 35 lbs. of flax per acre. Firm the seed bed well after planting. Inoculate with Nitragin or Master Farmer Inoculator.



"Sweet Clover—The Sweetheart of the Northwest." This is the title of an interesting and valuable booklet published by the International Harvester Co. Sent free with orders for Sweet Clover upon request.

WHITE BLOSSOM SWEET CLOVER

This makes the rankest, tallest growth of any clover, producing the biggest hay crops and most luxuriant pastures. Because of its dense growth and the great size of its root system, it is the best soil enricher and green fertilizer. It is the best crop to grow to prepare the ground for a stand of alfalfa.

The plant looks much like alfalfa, especially when young, but the leaves are not quite as smooth, and taste slightly bitter. It forms a main stem from which the side branches grow, while in alfalfa the crown sends up numerous shoots.

Our seed is of fine quality, free from foul weed seeds, and of highest germination. Price: Lb. 30c, 5 lbs. \$1.25, postpaid. See Blue Figure Price List.

YELLOW BLOSSOM SWEET CLOVER

This variety grows shorter and is finer and more spreading than the white. It makes a very fine quality hay and pasture. Yellow Blossom Sweet Clover is 10 to 15 days earlier in maturing its seed, and where seasons are very short or unfavorable, there is an advantage in sowing this strain.

It can be cut for hay very early, and close to the ground, whereas the white must be cut high. It is also excellent for bees supplementing the use of the white variety, and extending the season, on account of its earliness. Price: Lb. 30c, 5 lbs. \$1.25, ppd. See Blue Figure List.

HUBAM SWEET CLOVER

Hubam is an emergency pasture and hay crop to be sown in seasons where drought, freezing injury or other adverse conditions have wiped out pastures and meadows, leaving the farmers without any definite hay prospects. Hubam is a rapid grower and once it is well established can be pastured as you would pasture the biennial varieties of Sweet Clover.

Hubam is an Annual Sweet Clover. It is best suited for the Corn Belt section. It grows from 3 to 7 ft. high. It will produce as much as 3 tons of hay per acre, cut just before blossoming time. It grows on any good non-acid soil, and should be sown alone the same rate as other sweet clovers. Hubam will produce a seed crop in this latitude, in favorable growing seasons. Price: Lb. 40c, 5 lbs. \$1.80, postpaid. See Blue Figure Price List.

GRUNDY COUNTY SWEET CLOVER

Grundy County Sweet Clover is preferred by many farmers since it does not grow quite as tall as the common White Blossom variety and it produces finer stems and a greater number of leaves, making it better adapted for hay purposes.

It matures earlier so that the hay crop can be cut before the small grain is harvested.

It produces a seed crop earlier than other varieties and this is an advantage in many localities that are subjected to early frosts. The hay cures more rapidly than the common tall variety and is very palatable.

Grundy County Sweet Clover makes an excellent pasture but it does not last as late in the season as the common tall variety. Price: Lb. 30c, 5 lbs. \$1.25, postpaid. See Blue Figure Price List.

F. S. & N. Co.

Feb. 25, 1936

Last year I planted Sweet Clover for the first time and was so well pleased with it that I am ordering twice the amount this year. I will be glad to recommend your seeds to my friends.

Mrs. H. B. Hart
Winnebago, Minn.

F. S. & N. Co.

April 29, 1936

I bought 50 lbs. of Reed Canary Grass Seed from you and have a fine stand on wet bottom land.

H. F. Hoffman
Trenton, Mo.

INOCULATE ALL LEGUMES

(Alfalfa, Clovers, Peas, Beans, Soy Beans, Vetch and Lespedeza)

All legumes should be inoculated to be assured of best results. They draw nitrogen from the air which is the chief plant food and deposit it in the small nodules on the roots of the plants. Thus nitrogen is stored up in the soil, enriching it and stimulating the growth of the plants. The inoculated seed produces heavy clusters of nodules.

Nitragin and Master Farmer Inoculator are the two outstanding inoculants. They are put up in cans of convenient size bearing the date of packing. To those who want the

original legume inoculator and wish to be assured of the finest quality, we recommend Nitragin. We also offer Master Farmer Inoculator, which is the same high quality inoculator, far better than most inoculators on the market and yet it sells in competition with the cheaper products. Whether you use Nitragin or Master Farmer Inoculator, you will have excellent results. When ordering, always state what kind of seed you want to inoculate.



INOCULATOR PRICES

When Ordering, Always Specify Name of Seed

Alfalfa, all Clovers

Size	Retail
1/2 bu. ca.	\$.35
1 bu. ca.	.55
2 1/2 bu. ca.	1.20

Vetch, Austrian Peas, Canadian Peas, Beans

Size	Retail
1/2 bu. ca.	\$.30
1 bu. ca.	.45
1 1/2 bu. ca.	.65
5 bu. ca.	1.85
12 1/2 bu. ca.	4.25

*"100 lb. size." Packed only for Vetch and Peas.

LESPEDeza Unhulled or Hulled

Size	Retail
1 bu. ca.	\$.35
2 bu. ca.	.55
5 bu. ca.	1.20

Peanuts, Soy Beans, Cow Peas, Lima Beans

Size	Retail
1 bu. ca.	\$.35
2 bu. ca.	.55
5 bu. ca.	1.20
10 bu. ca.	1.75
25 bu. ca.	3.75

*"25 bu. size." Packed only for Soy Beans, Cow Peas.

New

Garden Size NITRAGIN for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines

Each package will inoculate any amount up to 4 lbs. seed. Retail Price \$1.10 ca.

DOUBLE PROFITS FROM LEGUMES

Experiments made by Agr. Colleges report increased yields of alfalfa hay, amounting to as much as 40%, due to inoculation, which costs about 20c an acre. Such an increase emphasizes the importance of inoculation in getting larger yields. It is the extra yield that brings the net profit.



MASTER FARMER INOCULATOR

Billions of Live Bacteria will stimulate plant growth if you use Master Farmer Inoculator.

Costs less than other inoculants—but is backed by the "Master Farmer" quality guarantee. Don't take a chance—inoculate all legumes.



PRICES

When ordering, always specify kind of seed.

All Clovers, Alfalfa, Lespedeza.		Peas, Vetch, Beans, Cow Peas, Soy Beans, Peanuts.	
Size	Price	Size	Price
1/2 bu.	\$.030	1 bu.	\$.030
1 bu.	.45	2 bu.	.45
2 1/2 bu.	.90	5 bu.	.90

Yields of Soy Bean Hay tripled and Soy Bean Seed doubled by inoculating.

OUR SUPERIOR VARIETIES PAY



Rust ruined practically the entire Northwest wheat crops and did considerable damage to other grain—thereby causing losses of millions of dollars. Such losses may be largely eliminated by planting the new varieties of seed grains introduced in the recent years.

Outstanding among the rust-resistant varieties are: Thatcher, Hope, and Mindum Durum Wheats; Iogold, Anthony and Minrus Oats.

HOPE WHEAT

Rust and Smut Resistant.

Since its introduction, Hope Wheat has spread rapidly throughout the spring wheat section. It is the one variety that combines the highest resistance to black stem rust with resistance to smut, root rot, scab and other diseases. What the farmer wants is a wheat that will give good returns every year, and Hope comes nearest being that variety. Until other varieties are proven superior, we recommend growing Hope in the general areas affected by rust, smut and drought.

Hope Wheat is the result of a cross between Emmer (Speltz) and Marquis made by Edgar S. McFadden, a South Dakota plant breeder. It is a bearded variety and combines the desirable qualities of the Emmer parent, namely flexible straw, resistance to drought, heat, black stem rust and smut, it resists shattering by wind and hail and is well adapted for combine harvesting which appears to be the coming method of harvesting grain in the Northwest. From Marquis it gets its high milling quality as well as many of its plant characteristics.

Hope proved its worth in 1935, during the great rust epidemic and again in 1936 during the drought. Because it is bearded, it appears to have the ability to withstand drought better than other kinds. Hope Wheat is in great demand, the same as other rust-resistant varieties, and the supply is limited.

For Prices: See Blue Figure Price List.

HOPE AND THATCHER WHEAT STAND DROUGHT

F. S. & N. Co. Sept. 8, 1936

The crops in this part of Wisconsin don't amount to much this year. The Hope Wheat stood the drought well and so did the Thatcher—they both made a crop of good grain but the yield was smaller than it would have been if it would have rained.

Julius Arndt, Edgar, Wis.

QUALITY SEED GRAIN

NEW DEVELOPMENTS IN GRAIN BREEDING



Rust resistance, high yielding ability, good milling qualities make Thatcher Wheat outstanding.

THATCHER WHEAT

Rust Resistant, Certified.
A New Triumph of the Minn. Exp. Station.

The newest wheat variety, more rust resistant than others now grown, with the exception of Hope. A beardless variety, very similar in appearance to Marquis. Early maturing and therefore, may be grown quite far north without danger of being damaged by early frost. Very stiff strawed and stands up well on rich soil. It yields more than other spring wheat varieties, producing 4 to 5 bushels more per acre.

Tests made by the Minnesota Experiment Station and by millers show Thatcher equal to Marquis in milling and baking qualities.

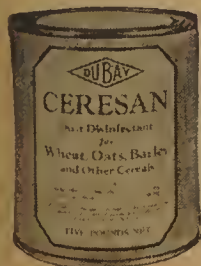
Thatcher proved its superiority over rust-susceptible varieties of wheat during 1935 when the worst epidemic of Black Stem Rust, ever known in the history of the country, devastated the wheat fields and left only shriveled grain, either unfit to cut or suited only for chicken feed, in all except Rust-Resistant Varieties. Few growers thought of rust before 1935, for no severe epidemic had broken out for years. No one can tell when another such rust epidemic will occur, so why take a chance and grow wheat that may be destroyed by rust at any time?

The most promising wheat crop that the Northwest ever knew was wiped out by rust in the summer of 1935. Farmers whose very existence depended upon the crops produced in 1935 were completely ruined; but if they had grown rust-resistant Thatcher Wheat they would have shown a profit instead.

The supply of Thatcher as well as Hope Wheat is very limited. There is enough seed to supply only a small portion of the demand. Take no chances of losing your entire crop again through rust; but instead place your order at once.

In 1935 and 1936 Thatcher Wheat yielded 25 to 35 bu. or more per acre, while varieties hit by the rust or drought were unfit to cut or at best yielded a few bushels of very shriveled grain.

TREAT SEED GRAINS TO PREVENT SMUT



All seed grains including wheat, barley, oats, rye and sorghum are susceptible to smuts of various kinds which reduce the yields from 10% to 50% in many instances. Some varieties are attacked more vigorously than others, but no matter how susceptible the variety may be to smut, it can be controlled almost entirely by simple methods. Formaldehyde and Copper-carbonate have been used extensively in the past for treating smut in grains, with only fair to good results.

The Best Treatment To Use Is New Improved Ceresan

New improved Ceresan is a dust treatment—no wet, swollen grain to handle. It may be applied with a regular seed

Price of Ceresan: 1-lb. tin 75c, 5-lb. tin \$3.00. Ask for circular giving full details about Ceresan.

treating machine or with a scoop shovel. A measuring spoon will be found in each can.

The grain produced has a higher market value because it is free from smut. Only one-half ounce of New Improved Ceresan is needed per bu. of seed. It is quickly and easily applied as a dust by use of a rotary seed treating machine or by the shovel method. After treating, the seed should be stored in a pile or in sacks for 24 hours before planting.

New Improved Ceresan controls stinking smut of wheat, loose and covered smut of oats, black loose smut and stripe in barley. Ceresan is inexpensive, costing only about 2c per bu. of seed. This is the lowest cost of any seed treatment on the market. By using New Improved Ceresan you may increase the yield of grain by 10% to 20% or more.

GROW ONLY THE BEST FOR PROFIT

We have always endeavored to supply you with outstanding varieties of seed grains and it is a pleasure to know our customers, old and new, are finding complete satisfaction with the seeds that we offer. Complete descriptions will be found on the following pages.

All the seeds that we offer have been specially bred and selected to meet adverse conditions as well as to take advantage of good growing conditions. A down payment will hold seed until wanted, balance to be sent when shipping instructions are given.



MINTURKI WINTER WHEAT

Minturki is the outstanding hardy winter wheat. It is a high yielding bearded hard red winter variety of high milling and baking quality and good protein content. It is stiff strawed and stands up well on rich land.

For Prices: See Blue Figure Price List.

MINDUM DURUM WHEAT

Mindum is a bearded Amber Durum variety developed by the Minnesota Experiment Station. It is the most widely grown Amber Durum Wheat and it yields more than other varieties, is somewhat resistant to rust and is stiff strawed. Yields of Durum ranging from 30 to 45 bushels per acre are not uncommon. This variety always brings a good price on the market.

For Prices: See Blue Figure Price List.

SPRING RYE

Spring Rye should be sown more extensively. It is a great land cleaner, and for summer pasture, is much superior to winter rye. It can be grown on light and sandy soil, on land too poor for wheat, and does equally well on acid and non-acid soils.

For Prices: See Blue Figure Price List.

ROSEN WINTER RYE

Rosen is the leading winter variety and was developed at the Michigan Experiment Station by selection from a sample of rye obtained from Russia. It became popular because of its excellent yielding ability and milling qualities which are the finest. It produces large well-filled heads and large dark green kernels.

Rosen Rye is more hardy than the hardiest Winter Wheat. The straw is medium tall and stiff, which keeps the grain from being easily lodged. The variety has produced as much as 40 to 50 bushels per acre. Winter Rye may be seeded in the spring if temporary pasture is needed.

For Prices: See Blue Figure Price List.

NORTHERN GROWN SEED BARLEY



Our Smooth Awn Barleys Are High Yielding, Stiff-strawed, Easy to Handle and Most Profitable.

QUALITY SEED BARLEY PAYS

The Agricultural Extension Division of the University, under the supervision of Mr. Ralph Crim, conducted a series of meetings throughout southern Minnesota to discuss barley problems. It was pointed out at these meetings that many growers had been allowing the better prices paid for malting barley to be taken away from them because so much of the home-grown barley was unfit for malting.

By use of the proper varieties of barley, coupled with good growing conditions and cultural practices, it was clearly shown that barley suitable for the maltster, which brings a higher price, can be easily grown.

Malting barley should be mellow and not hard or flinty—to bring this about, the grain should be allowed to ripen thoroughly. Malting barley should be plump and heavy and must be free of diseases and of mixtures such as wheat or oats.

VELVET BARLEY

Minnesota No. 447—Certified

The demand for Velvet Barley has been steadily increasing each year since its introduction. If you have not tried this outstanding variety, we suggest that you get started with it this year, for it is one of the best smooth-bearded varieties now being grown.

Velvet originated from a cross between Luth, a rough-awned, six-rowed barley of the Manchurian type and a smooth-awned variety. It is a most excellent yielder, producing as much grain as Manchuria. The straw is quite stiff, the lodging percentage being no greater than that of other stiff-strawed varieties. Velvet appears to be more disease resistant than other varieties. With its smooth beards or awns, Velvet has a very distinct advantage over the rough-awned types since it has no barb that will stick in the clothing or get into the flesh. Therefore, it can be handled much more easily.

Velvet is in great demand by the manufacturers of malt and there is every indication that the limited supply of this variety will be quickly exhausted before planting time.

We have many excellent reports from all over the northern part of the United States about Velvet Barley. Each year many carloads of this variety are shipped into Iowa, Illinois, Indiana, Ohio, Pennsylvania and other states, and we have had many inquiries for carlot shipments into these sections during the present season.

Once you try Velvet or other smooth-bearded varieties, you will not want to change back to the rough types. We offer Velvet Barley Seed, certified by the Minnesota Crop Improvement Association which gives you assurance of obtaining the true variety of the very highest purity. See Blue Figure Price List.

BUCKWHEAT

An excellent catch crop, which may be sown after harvesting winter wheat or rye or on newly broken ground. Its greatest value lies in the fact that it is the best and surest means of getting rid of quack grass.

JAPANESE—Largekerneled, dark brown and early. It is very productive, and an excellent feed for cattle and hogs. Sow from June 1 to July 1, 3 pecks to the acre.

SILVER HULL—A thin shelled buckwheat, with silvery grey kernels of medium size, very sound. Silver Hull is a prolific grower and heavy yielder, and makes fine buckwheat flour. Excellent for bees.

WISCONSIN PEDIGREE NO. 38

BARLEY—Certified

This variety was developed by the Wisconsin Experiment Station by crossing a black smooth-bearded barley with Oderbrucker which is a standard whitekerneled variety. They succeeded in obtaining a number of strains from this cross that were smooth-bearded with white heads and from these strains careful selections were made for size of heads and kernels, resistance to disease, stiffness of straw and yielding ability.

Wisconsin Pedigree No. 38 Barless Barley has the following outstanding characteristics:

First—Smooth-bearded. This feature makes the barley very easy to handle and because of this, it has stimulated production of barley to a great extent.

Second—Resistance to hot weather. This barley appears able to withstand a greater degree of heat than many other varieties of barley which are now being grown. It matures a few days later than Glabron and Velvet; but with its resistance to hot weather and long, stiff straw, it is able to stand up and develop larger kernels than some of the earlier varieties.

Third—Yields heavily. Wisconsin No. 38 Barless Barley has shown its ability to outyield other varieties and has produced as high as 70 bushels or more per acre. In Wisconsin tests, this variety has always outyielded any of the common barley grown in comparison with it.

Fourth—Finest for malting. Wisconsin No. 38 Barless Barley is greatly desired by the manufacturers of malt and will command a premium over many other varieties on the market. See Blue Figure Price List.

SPELTZ OR EMMER

A valuable grain belonging to the wheat family. Kernels are tightly enclosed in hulls which adhere at threshing. Speltz has a feeding value equal to oats, and only slightly less than barley and corn. It is extremely rust resistant, and will not lodge like other grains, because of its stiff heavy straw. Speltz can be grown on many kinds of soil, rich or poor, throughout Minnesota, Iowa, Wisconsin, and the Dakotas.

Speltz makes wonderful feed and is especially fine for hogs and poultry. Sow 1½-2 bushels per acre, adjusting the drill the same as for oats.

Malting Barley Best Paying Crop in 1936

The one bright spot in the 1936 crop year was malting barley. Even though drought and excessive heat practically destroyed other crops in many sections, malting barley made a very good showing, especially where such improved varieties as Wisconsin No. 38, Velvet and Peatland were grown. Yields of 30 to 45 bu. per acre with a market value of about \$1.25 per bu. or more were reported. It pays to use good seed.

PEATLAND BARLEY

Peatland is a rough-awned barley which is well adapted to peat soils and in recent years has yielded well on some mineral soils also. It is particularly well adapted to the northern parts of the state and especially in the regions around Grand Rapids. In the southern part of the state it has given very outstanding results on land that is too rich to grow other barley varieties.

Peatland is classified as a satisfactory malting barley variety. It is resistant to spot blotch and stem rust diseases but is susceptible to stripe disease. (Barley stripe disease may be controlled by treating with Ceresan. See page 63.)

In the summer of 1935 the southern part of Minnesota witnessed one of the worst scab epidemics it ever experienced. Peatland showed its value and brought good yields of high quality barley as it is highly resistant to scab. Therefore, in those regions where scab is a serious problem, Peatland Barley may be grown and a good quality malting barley produced. Barley which contains a considerable amount of scab cannot be classed as malting. For this reason much of the scabby barley produced in 1935 has to be used as feed.

Japanese Millet Good Hay Crop

F. S. & N. Co. Mar. 1, 1936

Just a few words regarding the 100 lbs. of Japanese Millet Seed I ordered from you last year. It certainly was a bumper crop. So heavy that it took a week to dry it, and so tall that one could not see the team and man when it was being cut for hay. I have been feeding heavy for four months from this crop, 11 cows and 7 head of young stock. This was sure a great help as we had to plow under almost the entire hay meadows due to the drought the year before. Will seed more this year. Can say that the seed bought from you is clean seed, as we have never found any weeds growing where we planted your seed.

Oscar R. Kroening, Tony, Wis.



THE FINEST IN SEED OATS



Very promising crops of oats were severely damaged by excessively high temperatures, rust and other diseases, during the seasons of 1935 and 1936. Those varieties that have been specially bred for resistance to rust survived and produced a good crop of heavy oats while many other varieties produced grain of very poor feeding quality and low market value.

If you have been growing unknown varieties of doubtful yielding ability, or if your seed stocks have become mixed with other varieties of oats or other grains, now is the time to get pure stock as prices are very reasonable.

A down payment will hold your order until wanted, and the balance may be sent when you give us shipping instructions.

Early Varieties IOWA NO. 105 OATS

This variety was produced at the Iowa Agricultural College, at Ames, Iowa. It is very early, fine to use as a nurse crop, and is a heavy yielder.

The kernels are of medium size, light yellow, plump and heavy. The oats grow about 4 inches taller than Kherson, with stiff straw that holds up its heavy load of plump grain well. It will grow without lodging, on heavy bottom land where it is impossible to grow many other varieties.

GOPHER OATS Minnesota No. 674—Certified

Gopher is a white, early maturing variety with straw so stiff and strong that it does not lodge even on well-manured farm land. It is also adapted for growing on peat land. It is without any question the best oats for the rich dairy farms of southern Minnesota, Iowa and Wisconsin and unequalled for sowing with clover and alfalfa as a nurse crop.

This variety was developed by the Minnesota Experiment Station and has become widespread throughout the Northwest. Excellent reports, not only from Minnesota but from North and South Dakota, Wisconsin and Iowa, show that Gopher is still leading in yield, earliness and stiffness of straw.

The oat crop in many sections was very light, having been damaged by adverse weather conditions and the demand for seed will be quite great. Our stocks of high quality certified seed oats are reasonably large, especially the Gopher variety but with the strong demand may not last long.

IOGOLD RUST RESISTANT OATS Certified

The necessary requirements for any variety of grain are yield, stiffness of straw (resistance to lodging), rust resistance and early maturity. Iogold Oats includes all of these which makes it such an outstanding variety. We have only a fair supply of high quality seed.

Iogold Oats produces heads that are spreading, erect, cream colored and very uniform. The kernels are golden yellow and larger than Iowa No. 105. The straw is coarser than Kherson and is stiffer than any other variety produced by the Iowa Experiment Station. The plants grow about three inches taller than Iowa No. 105 and ripen about the same time and are a few days earlier than Iowar.

For Prices: See Blue Figure Price List.

EARLY KHERSON OATS

One of the earliest oats in cultivation. It was introduced by the Experiment Station of Nebraska, and has proved a success in that state, being naturally adapted to sections that are subject to drought. It is a vigorous but not rank grower, producing shorter straw than other varieties, with branching heads and very broad leaves. The kernels are light yellow in color, small, but numerous, and have a very thin hull.



Note the Fine Stand and Stiff Straw in This Minrus Oat Field.

BABY CHICKS

Master Quality Chicks will increase your income. Due to their breeding they will make greater gains than ordinary chicks. They are priced very low and you need not send one cent. They will be sent C. O. D. postage paid. See insert in back of catalog.

April 30, 1936

F. S. & N. Co.

I have seen a lot of catalogs but yours is the most up-to-the-minute information book I have ever had the pleasure to look into as it is full of good information necessary for the present day methods of farming.

I am extremely interested in your new variety seed potatoes—the Chippewa and the White Gold—and I desire to place an order at once.

J. F. Wenner
2217 W. 2nd St.
Duluth, Minn.

Midseason and Late Varieties ANTHONY OATS—Certified

Anthony Rust Resistant Oats (Minnesota No. 686) is a new variety produced from a cross of White Russian (White Tartar) and Victory, it is a midseason type maturing about two weeks later than Gopher or Iogold and has a spreading panicle. The straw is about equal in length to Victory and is very strong. Anthony is well adapted to all types of soils but does especially well on those soils that are only moderately fertile.

It is very highly resistant to black stem rust and during the season of 1935 our own fields produced close to 100 bushels per acre while other midseason varieties, not resistant to rust, had broken over and had very poor yields. Anthony excels in weight per bushel and yield.

Wherever it has been grown it met with instant favor and we especially recommend it for those sections where the early varieties do not seem to give the very best results.

MINRUS OATS—Certified

Rust Resistant

Minrus matures about half way between Gopher and Anthony; produces white glumes and has a spreading panicle. It is about equal in height and stiffness of straw to Anthony and is highly resistant to black stem rust. It was produced by the Minnesota Experiment Station from a cross of Minota and White Russian. As it is so popular, we do not expect our stocks of Minrus to last very long this season.

Observations to date indicate that Minrus will outyield Gopher Oats on any ground except the very richest. Gopher Oats should be used on the rich soils as it is more able to resist lodging under those conditions. Minrus should be very popular on lighter soils where Gopher Oats does not get tall enough to handle well.

Minrus may be grown with varieties of spring wheat as succotash as it is a few days later than Gopher. Minrus has already met with great favor wherever tried.

SWEDISH SELECT OATS

Improved Strain Wis. No. 5

This is a very popular late variety, the kernels are large, plump and white in color. It is a very excellent yielder and is especially well adapted to lighter soils.



Iogold—Early, Rust Resistant, High Yielding.

HYBRID CORN VARIETIES

Hybrid Corn Proved Definitely Superior to Open Pollinated Varieties

The seasons from 1933 to 1936 provided a wide range of temperature and growing conditions, enabling Hybrid Corn varieties to be thoroughly tested. In 1933 conditions approached normal; in 1934 there was extreme drought with high temperatures; in 1935 the season started out cold and moist and ended with an early freeze that made soft, mouldy corn; and in 1936, perhaps the most extreme heat that we have known, blasted the cornfields, resulting in small yields.

But What Did Hybrid Corn Varieties Do? During each of these four years, hybrids demonstrated their ability to grow quickly, make use of available soil moisture and fertility, stand up under conditions of storms, excessive

rains and devastating drought and heat, and outyielded the ordinary open-pollinated kinds by 10 to 30 bushels or more per acre.

Hybrid Corn may be picked with a corn picker as it does not lodge. The fodder is partly green after picking and may still be cut and fed. Hybrid Corn is more disease resistant. It matures uniformly and can all be completely ripened before normal killing frost.

Again in 1937 there will not be enough Hybrid Corn to take care of the big demand so order at once; and if you are in doubt as to what variety you should grow, we will supply you with the proper kind. All Hybrid Corn that we offer is certified and state sealed.

MINHYBRID No. 301—(ExB164)

This hybrid corn, developed by the Minnesota Experiment Station, is the result of a cross with Minn. No. 13 and Iowa inbreds. It matures about the same time as Golden Jewel, Silver King and Minnesota Ideal, also the Wis. 105-day hybrids. It is adapted to southern Minnesota and Wis., northern Iowa and near-by territories.

It has unusual ability to withstand windstorms as it has a very stiff stalk with a strong root system. It grows medium tall, producing large well-filled ears. After the corn has ripened, the fodder remains green which gives it a higher feeding value.

Minhybrid No. 301 has proven its superiority to open pollinated corn as it has averaged over 12 bu. more per acre than the open pollinated kinds, in tests covering a period of years. Under good growing conditions yields of 90 to 110 bu. per acre are not uncommon.

MINHYBRID No. 401—(ExK)

Developed by the Minnesota Experiment Station from inbred lines of Minn. No. 13 Yellow and Rustler White Dent. Medium in height, leafy, producing a good sized ear, mixed yellow and white color. Yields have been consistently high, averaging about 20% more than open pollinated kinds. Matures 7 to 14 days in advance of other main crop varieties. Excellent for feeding early ripe corn and for hogging-off purposes. Plant three to four kernels per hill; under favorable conditions of soil and moisture, four to five kernels may be planted. Recommended for central parts of Minnesota, Wisconsin and South Dakota, and also does remarkably well in the southern sections of these states.

MINHYBRID No. 402—(ExI)

A selection from the same parents as Minhybrid No. 401, plants being slightly smaller and two or three days earlier in maturity. The yield is about the same as Minhybrid No. 401, being 15 to 20% higher than open pollinated kinds. Adapted to central Minn., Wis. and So. Dak., and may be grown as far north as St. Cloud and Moorhead or south to the Iowa line.

BEWARE OF SECOND GENERATION HYBRIDS

During the last two seasons so-called Second Generation Hybrids have been offered for sale. There is no such thing as Second Generation Hybrids according to the accepted definition of hybrid seed corn. The crop harvested from hybrid seed corn will produce less the following year than good open-pollinated varieties and may not lawfully be sold as hybrid seed.

We have certified open-pollinated corn varieties, higher yielding than so-called Second Generation Hybrids, which you can purchase at a much lower price.

WISCONSIN HYBRIDS

A number of outstanding hybrids have been developed and released by the Wisconsin Experiment Station. These Hybrids have been carefully tested and found to be much superior to the open-pollinated kinds and equal or better than other hybrids of the same maturity.

WISCONSIN 90-DAY HYBRID gives very fine results in northern Minnesota and Wisconsin and North Dakota. It also may be grown in central Minnesota and Wisconsin where an early maturing variety is desired. Wisconsin 90-Day Hybrid is very high yielding and is so superior to ordinary open pollinated kinds that it will certainly pay you to give it a trial.

WISCONSIN 95-DAY HYBRID is adapted to central and north central Wisconsin and Minnesota, northern South Dakota and the southern part of North Dakota. This early variety has been known to produce as high as 80 bushels of corn per acre and can be depended upon to outyield open pollinated varieties of the same maturity.

WISCONSIN 100-DAY HYBRID is adapted to central Wisconsin, central Minnesota and northern South Dakota and outyields Central Minnesota No. 13, Early Golden Glow, Rustler White Dent and other similar open pollinated varieties.

WISCONSIN 105-DAY HYBRID may be grown in south central Wisconsin, southern Minnesota and in the southern part of South Dakota. This hybrid ripens just a little earlier and yields as high as No. 301. In those sections where Minhybrid No. 301 seems late, the Wisconsin 105-Day Hybrid should be very satisfactory.

WISCONSIN 110-DAY HYBRID may be grown in southern Minnesota and Wisconsin, northern Iowa and Illinois. It is of about the same maturity as Minhybrid No. 301 which is the outstanding Minnesota hybrid for southern Minnesota and near-by territories.

WISCONSIN 115-DAY HYBRID is adapted to the extreme southern portions of Wisconsin, northern Illinois and northern and central Iowa, also northern Nebraska. Yield tests have shown this hybrid very much superior to adapted open pollinated varieties of the same maturity.

WISCONSIN 120-DAY HYBRID may be grown in the extreme southern part of Wisconsin, northern Illinois, north central Iowa, northern Nebraska, southern Michigan, northern Indiana and states of similar climate and latitude. This variety gave outstanding results in trials in northern Iowa and southern Wisconsin.

All hybrid seed that we offer is state certified and sealed and can be depended upon to give very fine results.



HOW HYBRIDS ARE MADE

For Prices See Blue Figure Price List.

ROUND AND SMALL KERNELS GRADED FOR EASY PLANTING

Round and small kernels of hybrids grow as vigorously and rapidly and yield as much corn as the flat-graded kernels. They have the same inheritance and need only the proper planter to obtain an even stand. Planter manufacturers now make special plates (John Deere, International, Case and others). Where hill drop planters are used, the regular plates of proper size will plant seed accurately. **YOU NEED NOT HESITATE TO BUY THE ROUND OR SMALL KERNELS AS THEY ARE SEPARATELY GRADED FOR SIZE.** The round kernels plant about 7 acres per bushel and the small or tip kernels 9 to 10 acres per bushel. They are priced lower than the flat graded kernels. The germination is high and they are state certified and sealed. (Ask for samples.)

Your local dealer can supply special plates or we will send you the right size for the corn that you order if you have a John Deere No. 999 Planter, at 60c each or \$1.20 per set of two, postage extra. (Weight, 2 lbs. per set of two.)

STANDARD OR OPEN POLLINATED VARIETIES

DON'T EXPERIMENT WITH UNKNOWN CORN

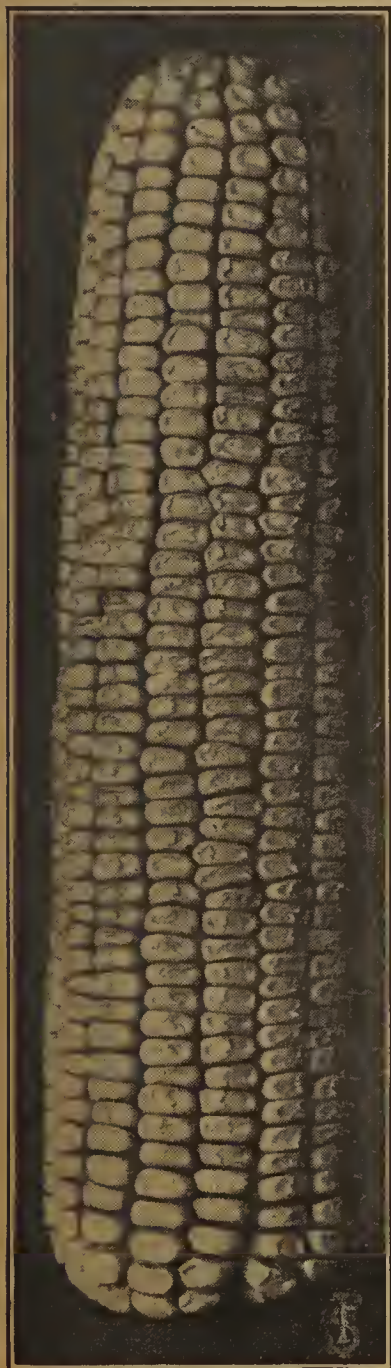
The freezing temperatures of October, 1935, reduced the seed corn crop to a point where there was only a small amount available for 1936. As a result, farmers everywhere were forced to buy ordinary crib-run corn in order to get good germinating seed stocks. Consequently the corn produced in 1936 could not have been a normal crop even if growing conditions had been favorable, for this crib corn was in many cases mixed, and lacked breeding and selection, and much of it was run out. Our corn which had the proper breeding, even under the drought conditions that prevailed, produced better crops.

Through long years of careful breeding and selection, we have improved the recommended varieties of open pollinated corn, and each year we offer only the finest of seed stocks which are carefully field inspected and state certified and sealed by the Minnesota Crop Improvement Association.

When you buy our seed, you know that it will be adapted to your locality and the tag and seal of the Minnesota Crop Improvement Association is your assurance that you are getting the genuine variety.

Seed corn prices are lower in 1937, and we have a fairly good supply so you cannot afford to continue growing low yielding, poor type varieties when for a very small cost per acre, you can increase your yield and get a far greater return per acre that will show you a profit. Now is the time to renew your foundation stocks.

Certified, selected, carefully bred open pollinated seed corn is scarce. Crib corn is plentiful but undependable. Why take a chance?



Golden King.

GOLDEN JEWEL, CERTIFIED

Golden Jewel was introduced by us and there is no variety grown in southern Minnesota that surpasses it for yields of high quality corn and fodder. This variety is on the recommended list of the Minnesota Experiment Station. The ears are of a golden yellow color, very compact, 8-10 in. in length, 16-20 rows of medium deep, square shouldered kernels on a small red cob, and run from a moderately smooth to a slightly rough ear. It grows 8-10 ft. tall.

It is especially adapted to southern Minnesota, South Dakota, Iowa, southern Wisconsin, northern Illinois and other Corn Belt states.

GOLDEN KING, CERTIFIED

A Medium Early High Yielding Variety

Golden King has been grown in central and southern Minnesota and northern Iowa for many years and is highly productive, having won in a number of yield tests. This corn grows 8 ft. tall. The ears are of rich golden color, medium deep kernels, 14-16 rows, 8-9 in. in length. It is recommended by the Minnesota Experiment Station for central and southern Minnesota and is also highly recommended for northern Iowa. It ripens earlier than Golden Jewel and can be depended upon to produce a crop of ripe corn in practically any season. Golden King shows a much smaller percentage of barren stalks than any of the open pollinated varieties.

We do not hesitate to recommend it for central and southern Minnesota, South Dakota, Wisconsin, and other localities where a 100 to 105 day corn variety can be grown to advantage.

LARGE TYPE OR SOUTHERN STRAIN MINNESOTA NO. 13, CERTIFIED

This strain has been especially selected for southern Minnesota, Wisconsin, South Dakota, northern Iowa, and similar localities. The ears are smooth, deep yellow in color, 7 to 9 inches in length, 14 to 16 rows of medium deep kernels. Stalks grow 7 to 9 feet tall and it matures in 100 to 105 days. It will produce large yields on good corn land.

CENTRAL STRAIN MINNESOTA NO. 13, CERTIFIED

This was the original strain of Minnesota No. 13 and is especially adapted to central Minnesota, Wisconsin, and northern South Dakota, maturing about a week earlier than the Large Type Minnesota No. 13 or in 95 to 100 days. It is the best known open pollinated variety in central Minnesota.

EXTRA EARLY HANEY'S STRAIN MINNESOTA NO. 13, CERTIFIED

This strain is particularly adapted for northern Minnesota and Wisconsin and North Dakota and is the earliest open pollinated yellow dent corn now being grown. Stalks grow 5 to 7 feet tall and will mature very readily in the northern areas under normal conditions and is very good for hogging off or early feeding in other sections of the Corn Belt. It matures in 85 to 90 days.



Golden Jewel—Best for Southern Minnesota.

EARLY MURDOCK, CERTIFIED

Murdock is a yellow dent variety quite similar to Golden Jewel in appearance except that it has fewer rows. The kernels are medium deep with a wrinkled dent. Our strain is 5 to 10 days earlier than Golden Jewel and produces high yields of very fine quality. The ears are 8 to 9½ inches long, of golden color, compact and uniform. It is primarily adapted to southern Minnesota, Wisconsin, South Dakota, also northern Iowa and Illinois. It may be grown in some parts of central Minnesota and south central Wisconsin. It matures in about 100 days from the time of planting. The yields of Murdock are only slightly less than those of Golden Jewel.

MINNESOTA IDEAL, CERTIFIED

This splendid large eared yellow dent corn, which we introduced, is very productive. It is a standard corn variety for southern Minnesota and other states of the Corn Belt. Minnesota Ideal matures a few days later than Minnesota No. 13. Under good growing conditions the yields are very high. Minnesota Ideal has a strong, vigorous root system and stiff stalks which enable it to stand up well. It is also an outstanding silage and fodder corn, producing more tons per acre than other varieties.

RUSTLER WHITE DENT, CERTIFIED

This is the best main white variety now being grown in central and southern Minnesota, South Dakota and parts of Wisconsin. It produces larger yields than some of the yellow varieties of the same maturity. The average height of the stalk is 8 ft., and the ears have 14-16 rows of kernels.

NORTHWESTERN DENT, CERTIFIED

Northwestern Dent Corn is a cross between a red flint and a yellow dent, and has red kernels with light yellowish and cream shadings. No other variety is grown as extensively in North Dakota, northern Minnesota and Wisconsin as Northwestern Dent. Under ordinary conditions it matures in 80 to 85 days.

Northwestern Dent will produce high yields per acre for early corn. The ears are of good size, 7 to 9 inches long, having 10 to 14 rows of kernels. The stalks are 5 to 7 feet in height. This variety is excellent for hogging down.

EASY TIGHT CORN SHOCK BINDER

Makes Binding Easy

Has weight enough to be thrown around the shock, which it draws and holds securely. Corn leaves green, wet or dry do not interfere with its operation, as it has an open top on wheel. Price, 95c, prepaid to 3rd zone.

For further description see Page 75.

FLINT AND FODDER CORN



Ideal Silo Corn Outsell All Other Varieties Combined.

MAKE
SURE OF
THE
"MASTER
FARMER"
TAG ON
EVERY
BAG



F. S. & N. CO.'S IDEAL SILO CORN

Known throughout the Northwest as the greatest yielder of corn for fodder purposes. For feeding green, as ensilage, and for curing in shocks to be fed in the bundle, it is the most productive corn obtainable.

Ideal Silo Corn is of exceptionally strong, vigorous growth, with stalks growing 8 to 10 feet high, and broad, thick leaves that make succulent fodder. It is not coarse, like southern fodder corn. The ears grow from 8 to 12 inches long, with medium deep yellow kernels.

Because of its deep vigorous root system, it adapts itself readily to unfavorable soil and climatic conditions, withstanding drought and wind, and cold, wet weather equally well. It matures in 95 to 100 days, only a few days later than Minnesota No. 13.

As a silo filler, Ideal Silo Corn is unsurpassed. Many of our customers, who now depend upon Ideal Silo Corn for all their fodder, have filled silos, 12x30, with corn from 4 acres and 12x35, with corn from 5 acres, when ordinary corn from 10 to 12 acres for the same size silo was formerly required. See Blue Figure Price List for quotations.



Paul Pokaltus in His Field of Ideal Silo Corn.



Canada Smut Nose.

KING PHILIP FLINT

This extra early red flint corn is eight-rowed and one of the most reliable and productive varieties for the Northwest. The ears grow 12 inches long with eight straight rows of broad kernels of shiny red color. Stalks produce two and sometimes three good large ears. Not nearly as hard as ordinary Flint Corn. The stalks grow about 7 feet in height and are very leafy, therefore more valuable for fodder than Dent Corn. Matures in 80 days.

LONGFELLOW FLINT

A yellow flint corn of rich and glossy appearance. The ears are 12 to 16 inches long, filled with large, broad kernels. It is not unusual to find three full-sized ears growing on one stalk and fields that yield 50 bushels per acre. It is a heavy producer of fodder as well as of ears. The average height is 7 1/2 feet, while ears are about 3 feet from the ground. Matures in 85 days.

**USE BARBAK 111
SEED CORN
DISINFECTANT**

See page 72

F. S. & N. Co.:

A while back we heard from you asking for results from your seeds. I am sending you a photo taken on September 4, 1936, the worst drought year that we have ever experienced in this part of the country.

This is corn from your seed, F. S. & N. Silo Corn. Filled our silo 12x32 from 8 acres. The corn run on an average of 10 ft. tall. Cobs were plentiful and were on an average of 12 in. long.

Most of the neighbors are only getting half a silo full from 10 to 14 acres. Their corn came only about half and so short they are cutting with grain binders.—Paul Pokaltus, Colby, Wis.

September 29, 1936

CANADA SMUT NOSE FLINT

This corn matures in 80 to 85 days and averages 50 bushels per acre of well matured corn. The stalks, which average 7 feet in height, often bear two or three ears, 10 to 15 inches long, very compact, and rich golden yellow, blazed with red towards the tip. The ears are set about three feet from the ground.

Canada Smut Nose is well liked for hogging-off purposes as hogs make very rapid gains. In the northern sections it is also grown extensively for silage and fodder.

RAINBOW FLINT

This is a larger Flint corn variety than the other kinds that we offer. It is suited for planting in southern Minnesota, Wisconsin and South Dakota, also northern Nebraska and Iowa and is a very heavy yielder of mature corn. Rainbow Flint is also very popular as a fodder variety and for hogging down. We have not previously listed this variety but the request for dependable seed stock has been so great in the last few years that we decided to offer it to our customers.

YELLOW DENT FODDER CORN

A standard early variety that has given our customers very good satisfaction for many years. It is a heavy yielder of fodder and may be used for feeding green from the field, as well as for silo filling and for curing in shocks, to be fed later in the bundle.

Early type—Stalks large, ears medium, matures in 85 to 90 days.
Late type—Stalks and ears large, matures in 95 to 100 days.

WHITE DENT FODDER CORN

Similar to the yellow dent fodder varieties, and is especially productive of leafy growth and large ears. We offer both early and late types.

SWEET FODDER CORN

Evergreen Sweet Fodder—This variety will grow 9 to 10 feet high and produce a great amount of fodder. It will increase the production of milk wonderfully, when fed to dairy cows. Stalks are sweet, tender, juicy, and nutritious, with large broad leaves produced in great abundance. Ears are large and white. Weight, 48 lbs. per bu. Plant 15 to 20 lbs. per acre.

Price: All varieties of corn—Lb. 20c, 5 lbs. 70c, postpaid. Not prepaid, lb. 15c, 5 lbs. 50c. For larger quantities, see Blue Figure List.

Flax Is a Profitable Crop to Plant

Flax production in the United States is still far below domestic use. This means that much flax is still being imported. The U. S. Department of Agriculture and experiment stations state there is little danger of overproduction at the present, so a larger number of acres can be taken out of grain production and profitably seeded to flax.

Flax has been the best paying crop for a number of years and the improved varieties now offered will produce even greater returns per acre. There is not a sufficient amount of suitable flax seed available to take care of the greatly increased acreage that is expected. The varieties recommended in our catalog contain a larger amount of linseed oil which is desired by the processors.

Your flax order should be placed without delay and a down payment of 25% will hold the seed until wanted and the balance can be sent at the time you give us shipping instructions.

HARDY FLAX VARIETIES

In the past, Flax was considered more as a catch crop, to be planted when conditions for other crops were unsatisfactory, or after all other crops were sown. This is a very poor procedure, for Flax does best in moderately warm weather and if planted too late is usually greatly affected by heat and drought.

To obtain large crops, sow early right after grains are planted, up to about the middle of May. The earlier that Flax is sown, the better the plant will be to withstand wilt and other diseases.

We recommend wilt and rust resistant varieties.

Sow Flax at the rate of 28 to 42 lbs. per acre, depending upon the size of the seed and the condition of the land. The smaller seeded varieties such as Red Wing are seeded at the rate of 28 to 35 lbs. per acre, or slightly more if the land is somewhat weedy. Bison and Common, about 35 to 42 lbs. per acre.

Flax is an important crop, for not only is the seed utilized for oil, etc., but the straw is made into rugs, sewing materials and other items.

BISON—This variety comes from the North Dakota Experiment Station. It is a large seeded type both rust and wilt resistant and is exceptionally popular in the Dakotas, Minnesota and other points of the Northwest. It has already replaced many other varieties now being grown. From the yield standpoint it will produce about as much as Red Wing. Yields have been reported as high as 30 bushels per acre, but an average yield can be expected of about 20 bushels or more per acre. See Blue Figure Price List.

RED WING FLAX—Rust and wilt resistant. Like Bison Flax, Red Wing is outstanding for its resistance to rust and wilt. It was developed by the Minnesota Experiment Station and has proven a good yielder throughout the Northwest. The blossoms of Red Wing Flax are a lighter blue than the other varieties and the seed is somewhat lighter in color. Red Wing Flax is quite popular this season and we anticipate a good demand. See Blue Figure Price List.

COMMON FLAX—Under this heading are included pure flax seed varieties which have lost their identity. However, there is no question that some of this seed is of recommended varieties for in the past few years much of the flax planted has been either resistant to wilt or to both wilt and rust. We would recommend planting Common Flax on soils free from wilt.

F. S. & N. Co.

I just want to let you know what mighty fine hay crops your Sudan Grass has produced for me. Am sending a picture of the first cutting which brought me 2½ tons of good hay per acre—and the second cutting gave me another ton on top of it. I believe my 3½ tons per acre and the fine pasture it left me speak mighty well for your seeds.

John Gloe, Faribault, Minn., R. R.



Can You Imagine What John Gloe Thinks of Sudan Grass? (See Testimonial.)

RAPE FOR QUICK PASTURE

Rape is an annual forage plant of great value, profitable in all sections of the country. It can be grown to advantage on land which has already produced an early grain crop, like oats, rye, or winter wheat.

Rape provides excellent pasture for all kinds of livestock, cattle, hogs, and sheep. It can be sown at any time during spring or summer, so a good pasture can be had whenever it is needed. Rape will prepare sheep and hogs for market better and in less time than any other forage plant.

One acre is sufficient to pasture 12 to 15 sheep from six weeks to two months, and is the ideal pasture for weaning lambs. Spring pigs can easily be brought up to 200 lbs. in weight when six months old, if fed on rape. It is a mild succulent feed for cattle, and will not flavor the milk, if the cattle are pastured properly. Stock that is being fed on rape should always have access to salt.

Two pieces of land may be seeded at once, to be used alternately, pasturing one while the other is growing. Do not graze too closely. Rape makes a good fall pasture.

DWARF ESSEX RAPE—The commonly grown type that has produced the finest pastures for many years. Lb. 20c, 5 lbs. 75c, postpaid. See Blue Figure Price List.

Advantages in Sowing Rape

1. Grows wherever corn or turnips grow.
2. Provides pasture in 6 to 8 weeks' time.
3. The best forage plant for dry seasons, because of its strong, deep root system.
4. Plant alone or with grain, soy beans, Sudan Grass or cane.
5. Adds humus matter to soil when plowed under.
6. Its cheapness; sown broadcast, use 5 or 6 lbs., sown in rows, use only 3 lbs. per acre.

Binder Twine

We have a wonderful connection for direct factory shipment to you of "Silver Crown" high-quality binder twine.

At the time this catalog is printed it is impossible to quote prices, but we are assured that quotations will be most reasonable and you will be thankful for the opportunity of placing your order with us. Be sure to write for prices, stating quantity you expect to use.

March 24, 1936

F. S. & N. Co.

Am sending you negatives of Ideal Silo Corn grown on our farm in 1934, drought year—three acres filled a silo 12x30. A very good corn for ensilage and fodder.

E. F. Hanneman, Cresco, Iowa, R. 3.

SUDAN GRASS GROWS QUICKLY

One of the best annual forage plants ever introduced, suitable for almost any locality. Sudan Grass thrives best on rich loam, but has been successfully grown on almost every kind of soil, from heavy clay to light sand. Cold, wet soils are not suited to Sudan Grass. Sudan Grass is a sorghum, and an annual, without underground root sprouts. It grows 4 to 5 feet high in drilled seedings, and 5 to 8 feet in cultivated rows.

DO NOT SOW SUDAN GRASS BEFORE CORN PLANTING TIME. Like corn, it is a warm weather crop.

In favorable seasons, the growing period is long, and several cuttings can be obtained in one season. For hay it is ready to cut in 60 to 75 days, when it is in full head. It continues its growth, and in 40 to 45 days it is ready for another cutting. If Sudan Grass is grown for seed, only one crop can be harvested.

Produces Quality Hay

Sudan Grass is an enormous yielder, producing 3 or 4 tons of hay at the first cutting. The second cutting is lighter, and the hay is much finer. Livestock of all kinds will eat the hay readily.

CULTURE—For a seed crop, sow 15 lbs. per acre, in drills, 15 to 20 inches apart. The crop should be harvested with a grain binder.

For hay, sow at the rate of 20 to 30 lbs. per acre, using a grain drill, and cover from one to one and one-half inches deep. Heavy seeding makes finer quality hay.

The hay crop is harvested with a regular mower, when the Sudan Grass is fully headed out. It can be cut in the morning, and if the sun is bright, it should be raked up in the afternoon of the next day. After bunching, it is placed in cocks, just the same as alfalfa. After it has been thoroughly cured, it is removed from the cocks to the barn, or stacked. Because of the large amount of juice in the stems of Sudan Grass, the leaves cure first and the hay often appears ready to stack, when it is not. Therefore, the only sure way to avoid heating, is to allow Sudan Grass to remain in cocks long enough for the stems to become dry. The leaves are retained well, and if cut at the right stage will make a bright, leafy, sweet, hay, of the very best quality.

Plant Legumes with Sudan

Sudan Grass grown with legumes, such as soy beans, makes a well-balanced mixture for pasture, ensilage and hay. Sudan Grass grows stiffly erect, with stems strong enough to support the vines and makes harvesting easier, by keeping them off the ground. It hastens curing, by preventing the beans rotting.

Sudan Grass and soy beans, planted together, make a good hog pasture. Sow 25 to 30 lbs. Sudan Grass and the same quantity of soy beans, to the acre, drilling in the seed with a grain drill. For quickest results, sow in rows 18 to 20 inches apart, and cultivate.

Prices: Lb. 20c, 5 lbs. 75c, postpaid. See Blue Figure Price List.

SUDAN GRASS CIRCULAR FREE

SOY BEANS, FIELD PEAS, VETCH

SOY BEANS ARE VALUABLE FOR HAY, SEED OR FOR SOIL IMPROVEMENT

1. Soy Beans are easy to grow, and are valuable for soil too poor for other legumes.
2. They withstand both drought and heat well, and are not easily damaged by moisture.
3. They make a good emergency crop, as they can be sown late, after other crops fail or are washed out.
4. They deposit large quantities of nitrogen in the soil, building up poor land on which clover or alfalfa cannot be grown.
5. Soy Beans as a hay crop, are higher in protein content than clover hay, or field peas and oats mixed. For dairy cattle, the hay is equal to alfalfa hay.
6. They make good ensilage grown with corn, and are also used for hog pasture.
7. They take the place of oilmeal, and are even more digestible.

CULTURE. Soy Beans require about the same treatment as corn, and will grow on almost any kind of soil, shallow peat or sandy loam, and even ground containing too much alkali for corn. Do not plant Soy Beans too early, about corn planting time is right.

Soy Beans may be planted in the following manner:

1. In ordinary 6 in. rows with a grain drill, using 90 to 100 lbs. of beans per acre.
2. In 12 in. rows, using a grain drill and plugging up every other drill, using 80 lbs. per acre.
3. In 21 in. rows, using a corn planter with a bean attachment, the planter being set at the regular distance of 42 in. and the rows straddled. Plant about 70 to 75 lbs. of beans per acre.
4. Soy Beans may also be planted in rows 30, 36 and 42 in. apart and cultivated. Plant 35 to 45 lbs. of beans per acre.
5. Soy Beans may also be broadcast, using about 90 to 100 lbs. per acre.

Soy Beans for Seed

The seed crop is quite profitable. The seeds broken or split in threshing can be fed to livestock. For seed, the Soy Beans should be cut with a grain binder, while the dew is still on them, so they will not shatter. They can be threshed without much curing, if the seed is spread out so it cannot sprout in the bins.

Soy Beans for Soil Improvement

Soy Beans head the list of the annual soil improvement crops. They will give a very fine yield of hay or may be turned under in the fall, thereby enriching the soil and making it mellow and easily tillable. Like other legumes, they should be inoculated with Nitragin or "Master Farmer" inoculator in order to get the best development and have the greatest amount of plant food turned under. Soy Beans will be in very great demand in 1937.

MANCHU

This variety takes the lead among Soy Beans in the Middle Western States. It is outstanding for all purposes—hay, feed, hogging down, as well as for planting with corn for the silo. It will fully mature under ordinary conditions and grows large enough to produce excellent yields of hay or a large crop of beans. A good average crop will produce 20 to 30 bushels of beans per acre.

Manchu is a robust grower of vines which stand up well and are easily cut with the corn or grain binder. This variety matures in about 100 days, being well adapted to the southern half of Minnesota, Wisconsin, South Dakota and all sections farther south. In localities where the growing season is short, Manchu is preferred for hay purposes, but an earlier variety must be grown for seed. The beans are yellow and of medium size. Price: Lb. 20c, postpaid. See Blue Figure Price List.

Valuable booklet, "Soy Beans," free with Soy Bean order if requested.



This Field of Soy Beans Yielded a Heavy Crop of High Feeding Value.

DUNFIELD

This variety was carefully tested over a period of years, having been imported into this country in 1913. Its popularity has increased so that it is now reported as being grown on about 75% of the Soy Bean acres in Illinois. It has spread into Iowa, Minnesota and Wisconsin very rapidly.

Dunfield Soy Beans grow upright sturdy plants, very bushy, and produce a very fine quality hay. They mature in about 110 days and may be grown for ripe beans in most sections of northern Iowa and southern Minnesota. Dunfields blossom about 40 to 45 days after planting and the pods have two, three and four seeds which are of straw yellow color with light brown hilum.

The oil content of Dunfields is recorded at 19.8% which makes it very popular with the crushers, also for feeding purposes. Those who have grown this variety are highly pleased with it. The seed is slightly smaller than the Manchu and Illini varieties, therefore does not require quite as much seed per acre. Price: Lb. 20c, postpaid. See Blue Figure Price List.

ILLINI

This excellent variety was first offered by us a few years ago and since that time has become as popular as Manchu. It was developed by the Illinois Experiment Station and described as a better yielder than other varieties, somewhat taller and with pods higher on the stem. Many growers report that it is somewhat earlier maturing than Manchu and that it produces a larger tonnage of hay or beans per acre. It is not uncommon to obtain as high as 40 to 50 bushels of beans per acre; however, the average would probably be about 30 to 35 bushels which amounts to approximately 50 per cent more than other varieties.

Illini Soy Beans are yellow, the seed being slightly smaller and rounder than Manchu. You will appreciate this variety if you give it a trial. Price: Lb. 20c, postpaid. See Blue Figure Price List for larger quantities.

MUKDEN

Mukdens were introduced a few years ago and are now being grown extensively. The reason for their popularity is due to the fact that they mature a little earlier than Manchu and Illini, grow upright and do not have a tendency to lodge. They are very leafy, produce a large tonnage of hay and a high yield of beans. The seed is yellow in color, resembling Manchu but slightly smaller. The supply of Mukden Soy Beans is limited and the increased demand this year will use up available seed supplies quickly. Price: Lb. 20c, postpaid. See Blue Figure Price List.

PLANT MINNESOTA GROWN SEED FOR RIPE BEANS

Minnesota grown Soy Beans have been selected for early maturity and they should be planted if a crop of ripe beans is desired. They may also be used for hay or soil improvement as they grow tall and produce a heavy tonnage per acre.

CANADA YELLOW FIELD PEAS

CHANCELLOR—CERTIFIED

Field Peas are an important class of legumes, and should be more generally planted. Few farmers know the value of Field Peas as a hay crop and fertilizer. They fit into crop rotations well, and are better suited to conditions of the Northwest than any other annual legume, for building up worn-out soils.

Field Peas are usually grown with oats, for hay, a combination equal in feeding value to clover hay. They contain more digestible crude protein and fat than alfalfa and corn.

When they are grown with oats, they are threshed together, and easily separated with a fanning mill after threshing, thereby getting two crops from one operation. Sow 2 bushels of oats to 1½ bushels of peas per acre. Drill the peas in 4 inches deep, as early as the ground can be worked. Then, 2 or 3 weeks later, sow the oats, drilling it in the other way. If the oats are sown with the peas, they grow too rapidly, and check or smother the growth of the peas. Price: Lb. 20c, 5 lbs. 75c, postpaid. For prices on larger quantities, see Blue Figure Price List.

WINTER OR HAIRY VETCHES

(Also Known as Sand Vetches.)

They are leguminous plants and are especially suited to localities where winters are very severe. They make good hay, ensilage, pasture and green feed, are very valuable as a green fertilizer, and as a cover crop in orchards, preventing the washing away of the soil.

Winter Vetches may be sown with Winter Rye for a hay crop, about August 1 to 20, using 1 bushel Vetches (60 lbs.) and 1 bushel Rye per acre—they mature about the same time. Where summer pasture is desired, they may be seeded in the spring, either alone or with spring grains. Price: Lb. 25c, 5 lbs. \$1.00, postpaid.

SUNFLOWER MAMMOTH RUSSIAN

The production of Sunflower for ensilage and fodder is now advocated by many experiment stations. This is fairly profitable where the seasons are too short to grow other forage plants, sorghums, etc.

We do recommend Sunflower as a highly important and profitable crop for poultry breeders and farmers, for fattening hens or producing eggs. Single flower heads measure 12 to 22 inches across, containing a large quantity of seed. Price: Lb. 30c, 5 lbs. \$1.25, postpaid.

MILLET AND SORGHUM CANE

Although many farmers are now growing Millet regularly as a hay crop, it was not until the last few years that its value was fully appreciated as a quick-developing crop. Many find it of great value in case of crop failure of Clover and Timothy, when dry, spring weather cuts short the pasture and meadow grasses, or when there is a cold, wet spring and corn and other early sown crops are drowned out—it is then that Millet is fully appreciated.

Millet may be planted up to July 1 and even later, and still produce a crop of hay or pas-

ture. Millet hay properly handled has great feeding value and milk-producing qualities. For hay it should be cut as soon as it blooms, before the seed forms, otherwise the hay is apt to be woody. In more southern sections Millet is sown as a catch crop after the grain has been harvested. It produces the best results in warm, rich soil.

Sow broadcast, using about 40 lbs. per acre, covering seed three-quarters of an inch deep. For a seed crop, allow the Millet to ripen fully and harvest with a grain binder.

JAPANESE MILLET—Billion Dollar Grass

Japanese Millet is one of the best forage crops we have, for feeding all kinds of livestock. It ranks high in milk-producing qualities, being rich in protein and fats. Combined with soy beans, as ensilage, it makes an ideal balanced ration, two parts of millet to one of soy beans being the right proportion.

Japanese Millet is adapted to all sections of the country; it makes more hay than any other millet, and requires less seed. It is the ideal catch crop, and may be sown any time from May to July.

For hay, cut it just before it blossoms, and cure the same as clover. It also makes good pasture, but the cattle must be accustomed to it gradually.

FIVE REASONS FOR GROWING JAPANESE MILLET:

- 1—It grows 4 to 8 ft. high and produces 5 to 6 tons of hay per acre.
- 2—It is drought-resistant, yet can be grown on wet or poor soil not fit for other millets.
- 3—It is good for exterminating quack grass as it stools heavy.
- 4—It is cheap to sow, only 15 to 20 lbs. of seed per acre being required.
- 5—It is very palatable and is liked by all classes of livestock.

DO NOT PLANT MILLETS UNTIL THE SOIL IS WARM AND DANGER OF FREEZING IS OVER.



German or Golden Millet.

FOXTAIL MILLETS

Sow 40 pounds per acre.

GERMAN OR GOLDEN—This is one of the best varieties for hay and fodder. It makes rapid, vigorous growth, often yielding 3 to 5 tons of hay per acre, on good rich soil. It grows 4 to 5 feet high, is of rather coarse appearance, and should be cut for hay before it is in full bloom. At this stage, the hay is of the best quality, and so tender it can be fed to hogs.

HUNGARIAN—The great value of this variety is in its earliness and fine quality. It is about a week earlier than German or Golden Millet, and much safer for northern sections, especially if sown late in the season. It does not grow as vigorously, but the hay is of finer quality, especially good for cattle, as it is nourishing and milk producing. We consider Hungarian Millet one of the best catch crops grown.

SIBERIAN—We consider this the best Millet for dry sections. It is extremely hardy, drought resistant, and about two weeks earlier than Golden Millet. It stools heavily, is very leafy, and yields enormous quantities of fine quality hay. It produces 50 to 70 bushels of seed per acre.

COMMON—Especially adapted for dry and light soil. It is very early and dwarf, growing 3 to 4 feet high, is hardier than Golden Millet, therefore better for cold northern sections and unfavorable conditions, but does not yield as heavily as Golden Millet.

PROSO MILLETS

Sow 25 pounds per acre.

TURGHAI PROSO—Turghai Millet grows three feet tall and has a purple spreading head. The stems bear a wide leaf similar to corn and are not woody. This variety introduced in 1930 has been found to be especially adapted to the Northwest as it will withstand considerable drought. It is a red seeded variety, very much in appearance like the early Fortune seed. Government reports show that Turghai has yielded from 50 to 70 bus. on heavy soil and three tons of hay per acre. The State Experiment Station in preliminary tests of this variety, finds it out-yielding other Proso Millets by a considerable margin.

Turghai Proso Millet contains 17% protein and is one of the richest feeds for hogs, cattle, sheep and poultry.

EARLY FORTUNE—This seed is of a shiny reddish brown and is about the same size as Turghai and Hog Millet. The heads are compact. It matures rather early, growing about medium height. It is ready to harvest in 50 to 60 days after sowing. Early Fortune has been a very popular variety.

HOG OR BROOM CORN MILLET—The hay is of a coarse quality, except when cut very young. The seed is of high food value especially for poultry and hogs. It is yellowish white in color. Hog Millet is very early and drought resistant and will produce excellent yields of seed and hay.

Prices on Millet: 1 lb. 20c, postpaid. For larger quantities see Blue Figure List.

SORGHUM CANE

MINNESOTA EARLY AMBER CANE

The Early Amber Sugar Cane grown in Minnesota is superior to that grown anywhere else. It is the earliest strain grown, very hardy, of fine quality, and yields from 12 to 20 tons of cane per acre, according to soil conditions and cultivation. It grows 12 to 18 feet high, yielding much fodder, of good quality. Early Amber Cane and Fodder Corn are often planted together, and produce immense yields.

One acre of Early Amber Cane will produce enough to make 175 to 200 gallons of syrup, of delicious rich quality, golden yellow color.

We offer an improved strain of Minnesota Early Amber Sugar Cane which has been carefully bred for size, sugar content, and palatability. Sow 8 to 10 lbs. per acre for syrup. Prices: 1 lb. 20c, postpaid. 5 lbs. 80c, postpaid.

WACONIA ORANGE CANE—Orange Cane grows much heavier but shorter stalks than Amber Cane and withstands storms and wet weather without lodging. It produces an outstanding quality of syrup and more of it per acre. Sow Orange Cane at the same rate as the Early Amber Cane.

FODDER CANE—(Southern Grown.) A profitable feed crop that can be grown almost everywhere, producing as much as 30 to 35 tons of green feed per acre. It makes good hay if cut before it grows too high and can often be cut a second time. It matures later than Early Amber Cane and will not produce seed in the North. Sow 50 to 60 lbs. broadcast or 12 to 15 lbs. in drills per acre. Prices—All Cane Seed: Per lb. 20c, 5 lbs. 80c, postpaid. For larger quantities see Blue Figure Price List.

CYANOGLAS KILLS RATS, MICE, POCKET GOPHERS, MOLES, WOODCHUCKS, ANTS.



Cyanogas is the most effective pest destroyer. It has been thoroughly tested by workers in practically every country of the world. So outstanding are its merits that it is recommended by Federal and State Officials. Cyanogas has given satisfaction to those who have used it.

Easy to use, quick and thorough.

Cyanogas A-Dust is easy to use, economical and safe and gives effective control of pests.

It comes packed in air-tight containers and can be handled without danger to the user. It will not deteriorate if kept in air-tight tins. It is non-explosive and non-inflammable. Undoubtedly, the most effective material for pest control.

Cyanogas A-Dust, when exposed to the air, gives off a gas that is deadly to rodents and insect pests. It kills them almost immediately. The residue, after the gas has been given off, is ordinary slaked lime and is non-poisonous. The pests don't have to eat Cyanogas or even touch it—it gets them wherever they are.

Cyanogas A-Dust can be applied with the dusters we list opposite or with a spoon or by sifting. Full directions with each package. Write for free circulars telling how to rid yourself of these pests.

Cyanogas G-Fumigant is a granular form of Cyanogas used in fumigating greenhouses and nurseries, bulbs, plants and homes. Write for particulars.

Prices—Cyanogas A-Dust: ½ lb. can 45c, 1 lb. 75c, 5 lbs. \$3.00, 25 lbs. \$10.00, 100-lb. drum \$25.00, f. o. b. Faribault.

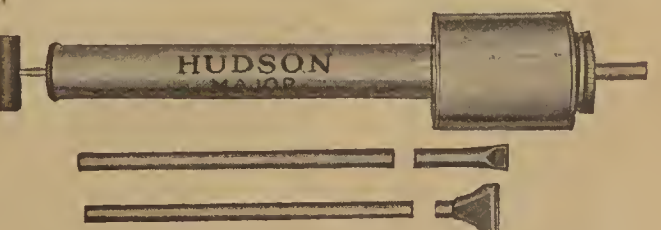
MAJOR DUSTERS for CYANOGLAS

The Major Duster is especially suited for Cyanogas and may also be used with Paris Green, Arsenate of Lead, Calcium Arsenate, and other insecticides and fungicides, it may be used in the home gardens, truck farms, even on tobacco fields, dairy farms, around the poultry house, as well as for cleaning out rats, moles, woodchucks and other rodents.

This Duster is fitted with an air valve to keep powder from entering the pump. Prices: The Major Duster with two extensions and two nozzles (see picture below) \$1.40 postpaid.

The same Duster with a 12-in. flexible hose for Cyanogas, \$1.50, postpaid.

The same Duster with both 12-in. flexible hose for Cyanogas and two extensions and two nozzles for dusting plants etc., \$1.60, postpaid.



Fertilizers and Disinfectants

GARDEN AND LAWN FERTILIZERS

SACCO
TRADE MARK REG. U.S. PAT. OFF.
— Makes Things Grow —

SACCO is the finest of fertilizers—a combined soil rectifier and growth producer for use on LAWNS, GARDENS, SHRUBS, FLOWERS, TREES, POTTED PLANTS and VEGETABLES. It is a well-balanced preparation containing ALL THE FEEDING ELEMENTS essential to the perfect growth and development of all plants.

EASY TO APPLY—ECONOMICAL TO USE

Use 2 to 4 lbs. for every 100 sq. ft. (10x10 ft. area). Full directions for applying SACCO are printed on each package.

One Application Produces Amazing Results

A single SACCO application can be depended upon to make grass and vegetables grow vigorously and to make flowers and shrubbery beautiful with bloom and foliage. This plant food gives quick results, is easy to apply and, because only a small quantity is required, is very economical. SACCO has no offensive odor.

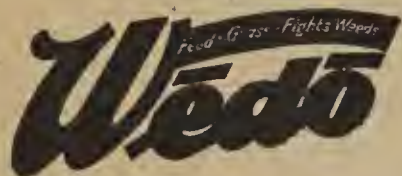
SACCO Is Recommended by Highest Authorities

SACCO has the approval of horticulturists and of many thousands of satisfied users. On the lawns of fine homes—on golf courses—in private gardens—in hot-houses—and in the nurseries of progressive florists and commercial growers—SACCO has proved its unquestionable superiority.

10 lbs.—is sufficient to fertilize plot of lawn 20x25 ft. 25 lbs.—will cover plot 30x40 ft. See "Amount to Apply" above.

Price: 5-lb. bag 35c, 10-lb. bag 60c, 25-lb. bag \$1.10, 50-lb. bag \$1.80, 100-lb. bag \$3.25, f.o.b. Faribault. Detailed Instructions in each package.

SPECIAL LAWN FERTILIZER



For
Weed Control
In Lawns

Here is an ideally balanced fertilizer made especially to rid your lawn of weeds. Grass will grow luxuriantly and weeds will gradually disappear. WEDO is formulated after recommendations of leading experiment stations and soil authorities. It contains the recommended amounts of nitrogen, phosphates and potash most suitable to lawn grasses.

WEDO is an ideal fertilizer for Creeping Bent Lawns and putting greens.

WEED ELIMINATING FEATURES

Incorporated in WEDO are the valuable weed eliminating features of sulphate of ammonia and other weed control elements.

How Much WEDO to Buy

Only 1½ pounds are required for 100 square feet (10x10-ft. area). 10 lbs. 70c, 25 lbs. \$1.25, 50 lbs. \$2.10, 100 lbs. \$3.75, f.o.b. Faribault.

MOSS PEAT FOR GARDENS AND LAWNS

If you are having trouble with your lawn, if your soil is light and sandy, "Moss Peat" will show wonderful results.

Two ounces of "Moss Peat" are capable of absorbing one pound of water. Use it around the base of roses, shrubs, perennials, your window and porch boxes, among ferns and potted plants.

One bale of "Moss Peat" will provide top-dressing for 800 to 1,000 square feet of soil. It is inexpensive to use.

"Moss Peat" contains life-giving humus essential to plant growth—high in nitrogen content and is free from silt and weed seeds.

For the lawn, a top-dressing should be made late in April or early May.

Price: 5-lb package 60c, prepaid; 10-lb package 85c (prepaid to 3rd zone). Not prepaid, ½ bale, about 60 lbs., \$1.25. Large bale, 125 to 135 lbs., \$2.25.

KWIK-WORK DANDELION KNIFE



Just a jab and you sever the tap-root which puts an end to the dandelion. Later rake up the roots and no holes in the lawn. Made of tempered steel with 10-

in. blade. Equally suited for cutting asparagus. Price: 30c, not prepaid, 35c, prepaid.

NU-LIFE PLANT GROWER

Will pep-up the sickest plants—Used by leading gardeners and florists



The best of plants need stimulating. The soil becomes stale and worn out and the plants sickly—then the leaves discolor and the blooms lack brilliancy.

Here is where Nu-Life Plant Food comes to the rescue. Immediately results will be noticed. It is easy to use, entirely odorless, and it will put new life into your sick plants. It will pep up your flower bed and stimulate growth of all vegetation, indoor or outdoor. Nu-Life Fertilizer will produce more perfect flowers or fruits, and healthy foliage.

Because Nu-Life is a most highly concentrated plant food and contains 15% Nitrogen, 30% Phosphoric Acid and 15% Potash, only a small amount is required per pot. For a sick plant, scatter a two-finger pinch of Nu-Life on the soil. After a new leaf growth has started, use a level teaspoonful of Nu-Life with a gallon of water and apply approximately half a teacup full per plant on a three-inch pot and a teacup full on a four or five-inch pot. Apply every two weeks.

Nu-Life Plant Food is readily dissolved and carried right to the roots. Its fertilizing value is four to five times that of ordinary plant food. It is properly balanced and practically water soluble. Liberal Trial Size 10c, ½-lb. package 30c, 1-lb. package 45c, postpaid.

"DU BAY" SEED DISINFECTANTS

Prevent Diseases—Increase Profits

SEMESAN—For treating vegetable and flower seeds and brown patch in lawns. Diseases often reduce germination and result in poor stand, lowered quality and reduced yield. Kill these harmful disease organisms on the seed before planting. Semesan may be applied as a dust or liquid and is harmless to seeds. Effective in controlling damping-off of seedlings. Full directions in can. Prices: 2 ozs. 40c, 1 lb. \$2.35, prepaid. Not prepaid, 5 lbs. \$9.90, 25 lbs. \$45.50.

SEMESAN BEL—For treating seed potatoes. Potato diseases cause a loss equivalent to the yield of 1 acre in every 5 or 6 acres planted. Much of this loss can be prevented by treating seed before planting with Semesan Bel, the instantaneous dip disinfectant. Effective in controlling such seed-borne diseases as scab, rhizoctonia and black leg. Improves germination and usually produces a bigger crop of better quality. One pound treats 70 to 80 bushels of seed. Prices: 4 ozs. 50c, 1 lb. \$1.60, prepaid. Not prepaid, 5 lbs. \$6.75, 25 lbs. \$31.00. Pamphlet free.

SEMESAN JR.—For treating seed, field and sweet corn. Our corn crops are reduced over 80 million bushels annually by diseases that are carried on the seed. Destroy these costly diseases by treating your seed corn with Semesan Jr. Simple, quick, effective. Costs only 2½c an acre. It destroys harmful disease organisms on the seed, protects seed from rotting in cold wet soil, makes earlier planting possible, controls seedling blight, reduces root and stalk rots, and generally increases crop yields. Use 2 ozs. per bushel of seed. Prices: 4 ozs. 40c, 1 lb. \$1.10, prepaid. Not prepaid, 5 lbs. \$4.75, 25 lbs. \$21.00.

NEW IMPROVED CERESAN

A New Low Cost Grain Disinfectant

Costs only 1½ to 2½ cents per bushel. Unusually effective in controlling bunt or stinking smut of wheat, covered smut and stripe of barley, and oat smuts. Frequently improves the stand and yield of grain 1 to 5 bushels per acre. Easily and quickly applied by 20 revolutions of seed treater or 3 turnings with a shovel. Seed should be treated 24 hours before planting. Does not reduce drilling rate nor damage drill. One pound treats 32 bushels of wheat, oats, or barley. Prices: 1-lb. tin 85c, prepaid. Not prepaid, 5-lb. tin, \$3.00.

WARNING—TREAT ALL SEED CORN

Experiment Stations of the northwestern states advise that all seed corn be treated to strengthen germination, prevent rot and insure a good stand.

We recommend treating your seed corn with



Barbak III
REG. U.S. PAT. OFF.

the dependable corn seed disinfectant. Used by many winners of National and State championships. One pound will treat enough corn seed to plant 60 acres. Increases germination and stand, and at a cost of less than 3 cents an acre will insure an increase in yield, which in many cases will pay the harvesting cost. Simple to apply, directions on every package.

Price: 4-oz. tin—15-acre size, 40c, prepaid. Not prepaid, 1-lb. tin (60-acre size) 90c, 5-lb. tin, \$4.75, 25-lb. drum, \$21.00.

— INSECTICIDES —

APHIS SPRAY—An improved nicotine spray suitable for the control of all kinds of aphids (plant lice), thrip, leaf hopper and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes and trees. Mixes easily with water. Price: 3-oz. collapsible tube 40c, 12-oz. collapsible tube \$1.00, prepaid.

ARSENATE OF LEAD—It is safest to use on tender foliage and sticks well on the leaves. Can be used as dust or spray. Price: 1/2 lb. 28c, 1 lb. 38c, prepaid; 4 lbs. 75c, not ppd.

ALL ROUND SPRAY—One product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Price: 1/4 lb. 35c, 1 lb. 90c, prepaid.

BARBAK-III—Seed corn disinfectant. Very necessary. See page 72. Price: 4-oz. tin (15-acre size), 40c, prepaid.

"BLACK LEAF 40"—(Sulphate of Nicotine.) Is especially recommended for killing the green aphids or lice which usually appear on sweet pea, cucumber and other vines. It can be used for spraying all kinds of plants. Price: 1-oz. bottle 40c, 5-oz. tins \$1.10, 2-lb. tins \$3.95, prepaid.

BORDEAUX MIXTURE—Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. Price: 1 lb. 35c, prepaid; 4 lbs. 70c, not prepaid.

CYANOGAS, ANT KILLER—Special 4-oz. tin container. Simply shoot it in the nest and no more ant trouble. Price: 35c, prepaid.

DAWG-GONE—Protects evergreens—keeps dogs away. Remove cap and hang tube of Dawg-Gone (opening down) in the lower branches of trees. The odor slowly emanating from the open tube will keep dogs at a distance for six months. Mailable. Tubes: 35c each or 3 for \$1.00, ppd.

DUSTING SULPHUR—Keep your roses free from mildew, black spot, leaf spot and other hideous fungous diseases. Acme Dusting Sulphur is a tonic for roses, chrysanthemums, phlox. Mailable. Price: 3-lb. sifter carton, each 50c, prepaid.

EVERGREEN—Non-Poisonous Insecticide. Effective against most other plant pests, including cucumber and melon beetles, cabbage worms, rose slugs, leaf hoppers, currant worms, etc. Safe—kills only insects—harmless to man, livestock, birds and pets. Non-injurious—Spray freely on the tenderest plants. Won't injure the ground. Price: 1-oz. bottle 40c, 6-oz. bottle \$1.10, prepaid.

GARDEN GUARD—A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss. For use on cabbage, cauliflower, tomato plants, melon vines and other vegetables, currants and gooseberries, flowers and shrubs of many kinds. Price: 1-lb. sifter carton 30c, prepaid.

IMPROVED GARDEN GUARD—New formula. Non-poisonous, yet very effective. Controls most leaf-eating insects. Perfectly safe to use. Price: 1-lb. sifter top can 45c, prepaid.

LICE POWDER—Will successfully kill body lice on chickens, horses and cattle. It is very effective when applied to roosts, walls and crevices with a powder gun. Price: 1 lb. 30c, prepaid.—Not prepaid, 1 lb. 25c, 5 lbs. \$1.00.

LIME SULFUR—Summer spraying against scab, soot, blotch, red spider and mite. Price: 1 lb. 35c, prepaid; 5 lbs. \$1.35, 10 lbs. \$2.50, not prepaid.

"NOK-EM-KOLD" GARDEN INSECTICIDE—It controls cabbage and cauliflower worms, cucumber beetles and all insects infesting vine crops, berries and shrubs. Dust on while the foliage is damp with dew. Will not burn or injure plants or fruit. Price: 1 lb. 25c, prepaid.—Not prepaid, 5 lbs. 85c, 10 lbs. \$1.25.

SEMESAN BEL—For Potatoes. Potato diseases cause a loss equivalent to the yield of 1 acre in every 5 or 6 acres planted. Effective in controlling such seed-borne diseases as scab, rhizoctonia and black leg. Improves germination and usually produces a bigger crop of better quality. One pound treats 70 to 80 bushels of seed. Price: 4 ozs. 50c, 1 lb. \$1.60, prepaid.—Not prepaid, 5 lbs. \$6.75, 25 lbs. \$31.00.

SLUG SHOT—The standard remedy for worms, rose slugs, caterpillars, cabbage worms, etc.—effective, and entirely harmless to plants. Price: 1-lb. carton, with perforated top, ready for use, each 30c, prepaid.—Not prepaid, 1-lb. carton 25c, 5 lbs. 85c, 10 lbs. \$1.50.

TOBACCO DUST—Destroys rose slugs, lice, vine bugs, tomato worms, currant worms, cabbage lice, and the parasites of all descriptions. Apply when foliage is wet. Price: 1 lb. 30c, prepaid.—Not prepaid, 1 lb. 25c, 5 lbs. \$1.10, 10 lbs. \$2.00.



"SULPHONOL" RABBIT REPELLENT

Protects trees from rabbits and mice. Inexpensive to use, sure in operation. Keeps tree borers away and prevents sun scald, without injury to trees or shrubs. Mix with water and paint the trees 2 feet above snow line. "Sulphonol" is non-poisonous, and will remain effective throughout the winter. Cannot be applied with sprayer. Price: 14-oz. can (for 20 trees) 45c, 1 3/4-lb. can (for 50 trees) 85c, prepaid.—Bulk 35c lb., not prepaid.

COPPER RODENT REPELLENT

Protects fruit trees and shrubbery from rabbits, mice and other rodents. Cost less than 1c per tree. Rapidly applied by painting or with sprayer. Rabbits will not girdle a tree which is coated with this material.

Copper Rodent Repellent is non-poisonous—offers all winter protection and is highly recommended by horticulture research specialists.

Price: Qt. 85c, postage 15c extra, 1 gal. \$2.75 f.o.b. Faribault.

"BLACK CAT" NON-POISONOUS EXTERMINATOR

"BLACK CAT" RAT and MOUSE KILLER is Harmless to Man, Domestic Animals, Baby Chicks, Poultry, Dogs and Cats, but Kills Rats, Mice and Gophers Quickly. May be safely used around the home, barn, poultry house, warehouse or any rat or mouse infested building. "BLACK CAT" can be mixed with butter, ground meat, corn meal or other food. Rats and mice will eat it readily, and it drives them outdoors to die.



GUARANTEED to kill rats, mice and gophers and nothing else, when used according to directions. Send today. 45c per package, prepaid.

CALICO MOUSE SEED

The most satisfactory mouse exterminator ever sold. A natural treated seed which attracts the mice. They chew out the inside kernels and thirst then drives them out to die. No baits, no traps, no muss. "A saucer and seed is all you need." 2-oz. package, 28c prepaid. Industrial size package (over 8 ozs.), 85c, ppd.

NICOTINE POULTRY DELOUSER

Paint the Perches. Nothing you can do for your flock will pay greater dividends.

Apply before brooding time in the spring. One pint treats 300 to 400 running feet of perches or 450 to 600 chickens.

Price: 2-oz. tubes 35c each, 5-oz. tubes, 85c each, pints \$2.00 each, quarts \$3.00 each, gallons \$8.50 each. 2 and 5-oz. packages, prepaid.

NEW BUG GUN SHOOTS TO KILL

Kill insects the easy, safe, convenient way.

Here's exactly what you have been wanting, all in one package. A new derris, rotenone dust, which is non-poisonous, safe to use. Kills insects in the garden and house, both chewing and sucking types, including aphids, worms, beetles, mites, red spider, fleas, roaches.

Use Bug Gun on flowers, vegetables, fruits, also for lice on household pets, etc. No mixing or waiting. Bug Gun complete, loaded with dust, 35c each. Postage 9c to 3rd zone.

MINK'S LOUSE KILLER OINTMENT—One application keeps hens free from lice for six months. Pays its cost tenfold in increased egg production. Wonderful remedy for head lice, on baby chicks and turkeys. If not completely satisfied, return empty box and get your money back. One box sufficient for treating 75 to 100 hens. Perfectly harmless. Price: 80c, prepaid.

SEND FOR
FREE
SPRAYING
GUIDE



"DOGZOFF"

If you are bothered with dogs, cats or rabbits, "Dogzoff" is the spray you need. It is a most efficient animal repellent and one spraying will last from three to four weeks. Not poisonous to plants and will not injure animals. Not offensive to humans. Its use is guaranteed to keep these animals from any place where they are not wanted.

"Dogzoff" is applied with any small insect sprayer and one application usually does the work.

"Dogzoff" will save its cost many times over around the garden and home.

Price: For season's supply, 55c, prepaid.

DAN-D-LION KILLER

KILLER KEMICAL destroys all deep-rooted weeds without injury to the soil. Kills Dandelions, Thistles, Plantain, Buckhorn and other common weeds. Is not poisonous or inflammable. Does not stain walks or clothing.

KILLER KANE insures easy and economical application. No stooping or back breaking. Place Kane on crown of dandelion or weed and press handle slightly. A small amount of Kemical is released and does all the work.

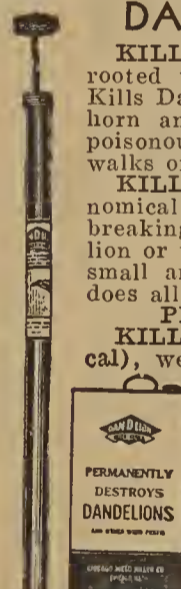
PRICES—F. O. B. Faribault:

KILLER KIT (Kane and 1/2 gal. Kemical), weight, 7 lbs., \$1.95.

Postage on Killer Kit to 3rd zone (300 miles), 22c.

KILLER KEMICAL: 1-qt. can, weight, 3 lbs., 85c; 1/2-gal. can, weight, 5 lbs., \$1.25; 1-gal. can, weight, 9 lbs., \$2.00; 5-gal. can, weight, 42 lbs., \$8.75.

KILLER KANE, weight, 2 lbs., \$1.00.



NEW ROUP TREATMENT Hen-O-Fume - Hen-O-Mist



PER CAN, Prepaid.....75c
THE TWO FOR\$1.45

One treatment with Hen-O-Mist and Hen-O-Fume brings relief to a whole flock at once. Penetrating fumes from these remedies quickly clear up the worst cases. Very easy to use. Results guaranteed.

Best
Flock
Insurance

Money back if Hen-O-Mist and Hen-O-Fume inhalant doesn't do the work. We suggest using combination treatment — one large can of each, for \$1.45, or either remedy separately for 75c, prepaid. Send your order NOW, and be ready if roup, colds or bronchitis break out in your flocks.

Hen-O-Fume is an ideal hog remedy for treating flu or pneumonia.



THE NEW AMERICAN GARDENER No. G-2

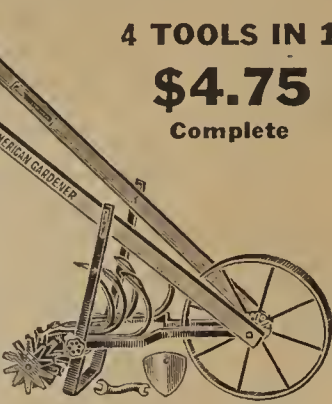
A complete garden outfit for all purposes. 1—A plow for trenching; 2—A scuffle hoe or sweep for weeding; 3—A cultivator for breaking up the soil; 4—A mulcher, pulverizer or rotary hoe for pulverizing, killing weeds, stimulating plant growth and leaving a dust mulch to save moisture. It is simple, compact, easy to use and speedy. This single tool will do everything that any other tool or combination of tools will do.

The mulcher attachment is interchangeable with trenching plow. Loosen the hand wheel and turn any one of these tools into position. Fully guaranteed.

(For a seeding attachment, we recommend Midget No. 2—described below.)

Price: Complete, \$4.75, not prepaid. Weight, 23 lbs.

4 TOOLS IN 1
\$4.75
Complete



"STANDARD" No. 20A SINGLE WHEEL CULTIVATOR

Price
\$3.10

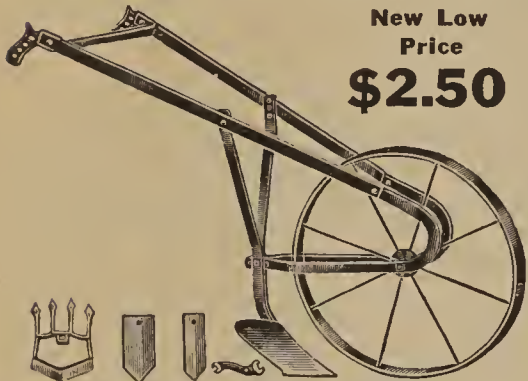


With this tool you can get your money's worth in a few hours' work, whether you have five acres, one acre or a garden only 25 feet square. Has a strong steel wheel 24 inches in diameter, making it work easily and carrying the tool in perfect balance. The handles are quickly adjusted to suit the height of the operator or to regulate the depth desired to run attachments. The equipment includes double end shovel mold-board with landside, combined sweep and rake, (practically 5 tools).

Price: Complete, \$3.10, not prepaid. Weight, 18 lbs.

SPECIAL No. 105 HIGH-WHEEL CULTIVATOR

New Low
Price
\$2.50

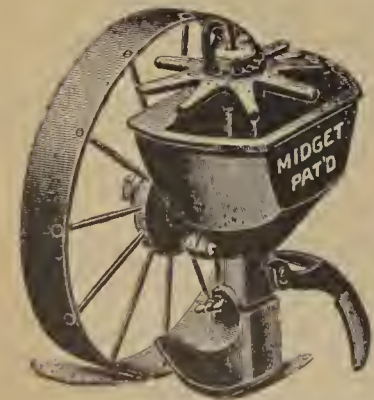


A practical all carbon steel cultivator—at a new low price. This cultivator has a wide range of adjustment of handles and attachments to insure ease of operation by a small boy or a large man. The wheel runs on steel bushings. The frame is one inch wide and 1/4 inch thick, with easy malleable grips. Wheel is 24 inches—8 spokes with 1 1/4-inch heavy rim. Attachments—Mold-board, plow, rake and sweep, 2-inch shovel, 3 1/2-inch shovel. Frame painted black—handles green. Price:

Complete, \$2.50, not prepaid. Weight, 25 lbs.

STANDARD MIDGET SEEDER No. 1

The Gardeners' Favorite—\$2.95



For sowing any kind of seed, from the smallest up to peas, and beans, in any quantity. Will attach with one bolt to any Standard Single Wheel cultivator, or any other Single Wheel cultivator, having 5 1/2 inches or more space between shank and wheel. Shoe is adjustable for any depth and coverer swings easily. The most popular seeder on the market. If wanted for use alone, we offer it with handle.

Price: Set up, ready to be attached, \$2.95. With handle, \$3.45, not ppd. Weight, 8 lbs.

STANDARD MIDGET No. 2—\$3.75

This perfect seeding device will hold one quart of seed. It drills accurately all kinds of seeds from radishes to peas or beans, covering at uniform depth and giving an even stand. Use this tool in combination with the new American Gardener and you have a complete outfit that will meet every requirement of your garden from seed time to harvest. An ideal combination with No. G-2. Not to be used alone.

Price: \$3.75, not prepaid. Shipping weight, 10 lbs.

Ask for Complete Descriptive Catalog of tools in which interested.

SHOVEL STEEL GARDEN TROWEL



Made of high carbon shovel steel, 6-in. blade. Heavy malleable shank. Upper part of blade enameled blue, varnished

handle. Price: 15c, f.o.b. Faribault, or 20c, prepaid.

"TRUE TEMPER" ROTARY MULCHER-CULTIVATOR

A complete outfit—Mulcher, Weed Killer, Pulverizer, Cultivator. Nothing to add—nothing to get lost.

The Reel is 8 1/4 inches in diameter. The knives on the reel are 2 1/2 inches wide, so formed on the inside as to keep the reel from "digging in" or running deeper than it should in sandy or mellow earth.

The Scuffle Hoe is 1 1/2 inches wide, made of high carbon steel, sharpened on both edges and polished on both sides.

The Cultivator unit has three oval shovels of carbon steel, nicely polished, each measuring 1 1/2 inches wide by 7 inches long. They are adjustable for width of row.

The center shovel sets well back of the other two, thus giving desirable clearance.

The Leaf Guards are self-adjusting and oscillating.

Finished in aluminum, red and green with handle varnished.

Price: No. T8 1/2, 8 1/2 inches cut, shipping weight, 17 lbs., \$4.25.

No. T10 1/4, 10 1/4 inches cut, shipping weight, 18 lbs., \$4.65.

F. o. b. Faribault.



No. T10 1/4
\$4.65

CYCLONE HAND SEEDER—\$2.10

Grass Seed mixtures cannot be seeded to advantage with the grass seeder attachment to the grain drill because of clogging and uneven work. The Cyclone Seeder is simple, light but strong. It will sow timothy, clover, millet, and grass seeds, as well as flax, wheat, rye, oats, buckwheat, turnips, and fertilizers perfectly even. Any desired quantity, from one quart to three bushels can be sown, per acre. Canvas bag holds one-half bushel seed. Shipping weight, 4 pounds. Price: \$2.10, not prepaid.



No. 201 STANDARD HEDGE SHEARS

To keep the hedge looking trim—it simply cannot be done without Hedge Shears. The Standard serves dozens of purposes in trimming up trees, shrubs and plants. Has wide bevel blades, ground and polished. Tangs natural finish, bright steel ferrules, case hardened bolt and nuts with lock washer. Mahogany finish, 8-inch blades. Price: \$1.35, prepaid.



No. 817 TOOL STEEL PRUNING SHEARS

Every home has a thousand and one uses for pruning shears—shrubs, berry bushes, hedges, trees, plants—all need pruning. Here is a good pruning shears—drop-forged tool steel, tempered blade, guaranteed. Volute spring. Price: 65c, prepaid.



No. 100 "GARDEX" PULL HOE

Weeds and Cultivates in one operation—5 times faster than the old Conventional Hoe. No back-breaking chopping motions—no stooping or bending. The Pull Hoe works on the EASY PULLING PRINCIPLE. Made of Special High Carbon Steel—Polished Blade—Long Handle.

No. 1004—4 inches wide with handle. Price: 95c, f.o.b. Faribault. Weight, 3 lbs.

No. 1005 1/2—5 1/2 inches wide with handle. Price: \$1.10, f.o.b. Faribault. Weight, 4 lbs.

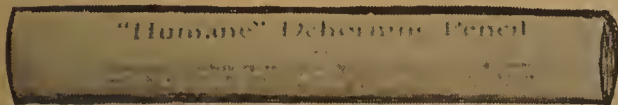


NEW "GARDEX" RAPID HOE

Blade works forward and back, without lifting tool. Saves backache—saves time. Frame made of malleable iron—removable steel blade is 8 inches wide. Patented swivel joint works like a pendulum. This hoe penetrates the soil easily and will weed and cultivate in one operation—very speedy. Price, without handle, \$1.75, not prepaid. Weight 2 1/2 lbs. Handle 50c extra.



"HUMANE" DEHORNING PENCIL



Make 50c
Do a
\$2.00 Job

The value of a calf is increased \$2.00 by dehorning. The brutal method of sawing off the horns is obsolete. Check the growth of horns in young calves with our "Humane" Dehorning Pencil. One application does the work, so simple any boy can do it—does not injure the calf, is entirely painless. We absolutely guarantee satisfaction, or refund your money. Each pencil will dehorn from 15 to 20 calves, at a cost of about 4 cents per calf. We have sold "Humane" Dehorning Pencils for many years, and to our knowledge not a single pencil has been returned to us as unsatisfactory. Include one with your order. Price: 50c per pencil, 3 for \$1.20, prepaid.

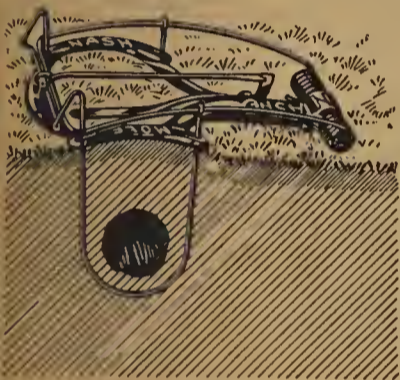
F. S. & N. Co. Carpenter, Ohio.
Kindly send one "Humane" Dehorning Pencil at once. Have used different kinds of Dehorning Pencils, but like your "Humane" Pencil the best—it always gives results.
Sylvester Huston, R. 2, Box 38.

HOME THERMOMETER

Let this tested thermometer help keep your home comfortable, or keep a check with it on the temperature of the barn or out of doors. There is nothing more useful than a good thermometer and thousands of "Farmer Brand" thermometers are now in use. Price: 25c, 2 for 40c, prepaid.

THE NASH MOLE TRAP

Recommended by U. S. Biological Survey, Wash., D. C.
The Only Trap That Always Catches the Mole in All Kinds of Ground When Properly Set.



Both the choker wires are made of a single piece of metal, bent to desired form, so that they are held perfectly in place. Springs are made of one piece of best Bessemer spring steel. Clods or stones cannot prevent perfect operation. This trap catches the mole when it comes from either direction, the pan being located between the two choker loops which are sufficiently far apart so the mole in passing will spring the trap and be caught by the loops around the forward spades or flippers. If properly set, you cannot fail with this trap.

Fully guaranteed to give satisfaction or money back. Full directions for setting, also directions for preparing the skins for market, supplied with each trap ordered. Weight, 2 lbs. 2 ozs. Price: \$1.50, prepaid.

"SURE-CATCH" POCKET GOPHER TRAP

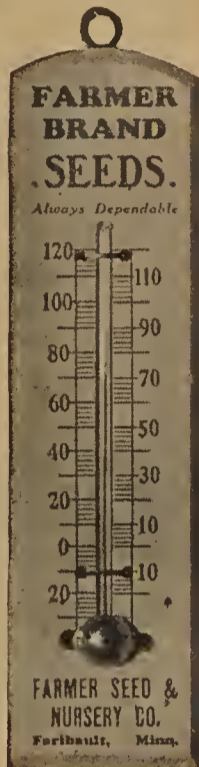
Sold on Money Back Guarantee



Part of 104 Pocket Gophers caught in one night near Castle Rock, Minn.

Few farmers realize the losses caused by pocket gophers. Most counties pay bounties to check these farm robbers, but only recently has a trap been brought out that will really get a pocket gopher nine times out of ten. This trap is so simple and effective that the manufacturers back it with an unlimited guarantee to do the work, or you return the trap and get your money back.

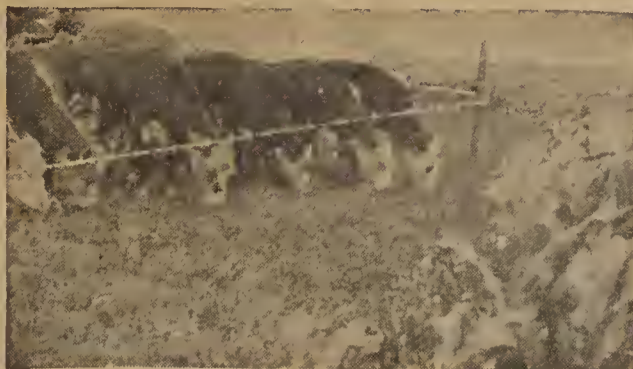
The "Sure-Catch" Trap is a little over 9 inches long. Is easy to set—perfectly harmless to handle and fits into the gopher hole, half length. The trap is not covered and the gopher from within trips the trigger as he attempts to cover up the hole. Boys and girls make good money trapping pocket gophers. Price, with full instructions—80c each, 6 for \$4.00, prepaid.



NEW ONE-WIRE ELECTRIC FENCER

Most Advanced Electric Fencer on the Market

— CUTS FENCING COSTS 80% —



So Far and No Farther.

your livestock graze up to the One-Wire—but that's as far as they go!

Cuts Fencing Costs 80 Per Cent. A One-Wire Electric Fencer will save 80% of your time, money, materials and labor. Fence 20 acres in a day—easy to put up temporary or permanent fences anywhere. Valuable for hogging down corn—for dividing your pasture lots quickly and easily—for protecting and repairing old fences, making them hold as good as new woven wire. The cost per rod, about 8c.

GUARANTEED TO FULFILL ALL CLAIMS OR MONEY BACK

One-Wire Electric Fences are guaranteed for three years when simple directions are followed. Sold on a money back guarantee if not satisfactory after 30 days trial.

LOW PRICES NOW AVAILABLE

Price: Type 110-volt a. c., \$29.50. Comes equipped with "Dry Land" switch. The only SAFE method for increasing shock on fence wire during extremely dry weather.

Type 32-volt d. c., \$31.50. Operates from farm light plants. Price includes 50 insulators.

Type 6-volt battery, \$31.50. Operates from hot shot battery, storage battery, etc. Price includes 50 insulators.

Furnished with each order: 1 lightning arrester, 1 extra fuse, 1 ground strap, 1 eight-page instruction book. Battery will last from three to five months.

Send for free descriptive circular and further information.

SPECIAL—Every purchaser of One-Wire Fencer receives a coupon entitling him to a genuine \$44.50 WINCHARGER plant for only \$15.00.

RAPID SEED POTATO CUTTER

Now at a Price All Can Afford



Cutting seed potatoes with a knife is a tedious job, and 15 bushels per day is about all one can do, but here is a simple, efficient machine with which anyone can cut a bushel of potatoes in five minutes. The size of the seed piece is always under control of the operator, enabling him to cut the potato into 2, 4, 6 or 8 pieces. The Rapid Cutter has four cross knives which are adjustable to suit the cutting of any variety of potatoes.

Place potato on knives in position to cut as desired—then strike potato lightly with a wooden mallet, and that is all there is to it. Guaranteed to satisfy or money back. Price—mallet included, \$1.89, prepaid.

EASY-TIGHT CORN SHOCK BINDER

95c, and Good for Lifetime



Save a man's time with this simple device for tying corn shocks.

With the Easy-Tight you have the easiest and fastest way to draw tight the top of corn shocks and make binding simple.

The top is held tight by a simple lock on tightener which releases its hold with a slight jerk of the rope. No need of pulling the rope back out of the pulley. A wide flange on upper part of pulley prevents the rope from working out.

Corn leaves, green, wet or dry do not interfere with its operation, as the Easy-Tight has an open top on wheel.

The Easy-Tight Corn Shock Binder comes equipped with a thick rope—easy on the operator's hands. It has weight enough to be thrown around the shock and does not have to be carried. One man can operate it easily. Saves thousands of steps and is made to last.

This simple device will pay its small cost in just a few days. It is guaranteed to please you, or we do not ask you to keep it. Price: 95c, prepaid to 3rd zone.

BLOND PSYLLIUM OVATA

for Your Health

Psyllium is a seed not intended for culture in this country—it is a native of India, but it is of greatest importance to your general health. Psyllium is a natural aid in the treatment of constipation, and a safe, harmless, non-habit forming regulator. This seed owes its special value to its ability to supply both bulk and lubrication needed for sufficient bowel action. It gives off a gelatinous oil which produces a mild, efficient intestinal lubrication.

The seeds are taken with the meal as an accessory food in the diet. Leading physicians recommend Psyllium and it is rapidly becoming nationally known.

By direct importation we are in position to quote an exceptionally low price, so that all of our customers may keep Psyllium on hand constantly.

Send for free booklet entitled, "What a Noted Authority Has To Say Regarding Blond Psyllium Ovata in the Treatment of Constipation."

We offer triple recleaned, sterilized seed.

Price: 12-oz. pkg. 35c, 3 lbs. for 85c, 5 lbs., sufficient for two months' treatment, \$1.25, prepaid.

Eat More POP CORN

Rich in Vitamins—Crisp and Tender

Pop Corn has a high protein content and supplies vitamins and roughage. We recommend the following varieties:

	5 lbs.
New Hybrid Jap Hulless—Extra fine.....	\$0.80
Farigold—Tender, golden kernels.....	.80
Burbank Golden Amber—Fine flavor.....	.80
Japanese Hulless—White and flaky.....	.70

Postage on five pounds to third zone, 17c.
For Popping Only.



Nature's Own Remedy.

Free
Recipe
Folder
with
Every
Order.



Indian Herb Tea

Native Herbs—a valuable compound of roots, herbs, leaves, seeds, barks, berries, licorice and flowers taken from Nature's fields.

Recommended as a laxative for constipation, auto-intoxication, biliousness and acid stomach, due to constipation. Also as a diuretic stimulant to the kidneys.

Nature's own remedy—contains nothing harmful or habit-forming. A vegetable laxative and stomach appetizer.

Packed in carton containing three packages—price complete, 39c, ppd.

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**EXTRA ORDER SHEETS
ON APPLICATION**

DO NOT WRITE IN THIS SPACE

Please Read Page 1 of Our Catalog Carefully, Before Ordering.

Have you included postage to cover items not prepaid? Please list nursery items separately after seed items.

order 3 vegetable or flower seed novelties (our selection).
If no order is sent now, we will forward 2 garden or flower seed novelties for 5 good names and addresses, if received promptly. Include 2c postage for mailing. This offer expires March 15, 1937.

"MASTER CHICKS" Order Blank

SEE OTHER SIDE
FOR PRICES

FARMER SEED & NURSERY CO., DEPENDABLE Since 1888 Faribault, Minnesota

Please send me the following Baby Chicks — to arrive about _____ Date _____

Name _____
Street _____ or Route _____ Box _____

Town _____ State _____

IMPORTANT: No orders filled for less than 50 chicks. In order to obtain the quantity price on large orders, all chicks must be of same breed and grade.

Occasional delays of 2 to 3 days are unavoidable. —
If more than 3 days late, drop us a card.

Do not write in this space

Order Early!

In case we are sold out of the breed you want at the time you want them...

PLEASE NAME

2nd Choice.....➔

3rd Choice.....➔

QUANTITY

BREED OR KIND WANTED

GRADE

PRICE

☐ Remittance Enclosed

\$.....

☐ Send C.O.D.

Are You Taking Advantage of Our SPECIAL CASH OFFER? Yes..... No.....

AGAIN OPPORTUNITY KNOCKS

Unbelievable profits have been made growing American Ginseng. This medicinal plant has been in demand for centuries by the Chinese where there is always a market. It was found in this country growing wild in our native woods. The plant is especially adapted for growing in Minnesota, Wisconsin, Iowa, Michigan, Indiana, Ohio, and Missouri and American Ginseng roots have sold from \$8.00 to \$10.00 per pound, and over.

One ton of roots per acre is not uncommon. The money making possibilities are therefore great.

Ginseng requires a well drained acid soil and shade, such as is found in our native timber of Oak, Basswood, Hickory, Butternut, Walnut, Elm and Maple.

FREE DESCRIPTIVE GINSENG BOOKLET

Our free Booklet gives full details for growing Ginseng, with instructions for care, planting and marketing. Plant in spring or fall, and get started now—make Ginseng growing your business, hobby or side line. Send 2c for mailing.

MAKE MONEY GROWING GINSENG



GINSENG ROOTS

Our Ginseng Department is in charge of an expert whose advice is at your disposal, free.

START IN A SMALL WAY

Ginseng produces seed the second year and from the third year on to maturity, each plant will produce 100 to 200 seeds. The root itself reaches full maturity in six years when it is of most value. A bed of Ginseng four feet wide and 16 feet long produced 10 lbs. of roots. It would require 200 roots to plant such a bed, and a smaller planting would not be profitable.

We offer seed and roots of our northern strain which produces the heaviest and most profitable roots.

SPECIAL TRIAL OFFER

Failure to act has caused many losses—Now you have an opportunity to study Ginseng and develop a profitable business gradually.

This special offer may be withdrawn any time so act NOW.

1000 Stratified Northern Strain Ginseng Seeds and

100 Two Year Old Roots **PREPAID \$5.00**
Regular Value \$9.00 for Only

Write for Special Prices on Larger Orders of Seeds or Roots.

POULTRY HEALTH INSURANCE -- THAT ASSURES YOUR PROFITS

Our products are of proven merit and insure the health of your flock. You will find items listed below that should be used regularly and

kept on hand by every poultry raiser. They are reasonably priced and are offered with a guarantee of satisfaction or money back.

NOX-A-TONE

For fowls of all ages.

A valuable Powder to mix in mash. General Tonic and Builder. Excellent for Chicks and Poults in their first feed and regular feeding of all mature stock.

Proven Worm Control. Don't feed Parasites. Use Nox-A-Tone.

2 pounds \$.65
5 pounds \$1.50
15 pounds \$4.25
25 pounds \$6.50

(not prepaid)

See Parcel Post Rates Page 1

PHENO-NOX TABLETS

Valuable to use in drinking water or milk. Can be used in any kind of drinking vessel. For Baby Chicks, Poults, and Mature Stock. For treatment and control of common BOWEL DISORDERS.

Keep in drinking vessels of all Chicks and Poults.

Insures health and may prevent outbreak of serious troubles.

50 Tablets \$.45
150 Tablets \$1.00
300 Tablets \$1.75
500 Tablets \$2.75

Prepaid

CAM-PHOR-MIST

A spray that really stops Bronchitis, Brooder Pneumonia, Common Colds, Roup, or Respiratory troubles.

Use as preventative.

Spray regularly.

Don't take chances.

Inexpensive and easy to use.

If birds are subject to colds or roup use Cam-Phor-Mist.

8 oz. Bottle \$.60
16 oz. Bottle \$1.00

Prepaid

LAX-A-TONE

A valuable laxative for poultry of all ages.

Can be used in water or milk and dry mash.

Digestive systems of poultry need a laxative regularly.

Don't pay exorbitant prices for just a laxative.

Keep on hand at all times.

Easy to give, inexpensive, and a safeguard against serious trouble.

2 pounds \$.35
Postage 12c to 3rd Zone

Write for our special circular on all of the above items that are so essential for poultry health. This circular gives you more detailed

information than space allows here. Our Poultry Service Department will answer your poultry problems **FREE**. Make Use of This Service.

MASTER
QUALITY

BABY CHICKS

100% LIVE DELIVERY *Guaranteed*

Offered in Two Grades!

We are better prepared than ever to supply strong, healthy baby chicks this year, and have added connections that will enable us to give customers delivery on time and genuine satisfaction.

Commercial Grade "AA"

This grade is from healthy pure bred flocks of high egg producing strains. These flocks have been carefully culled for type and production and are well mated. The chicks in this grade are big husky fellows equipped to turn feed into dollars. They are above the average and the low price we have on them does not mean we have sacrificed quality.

The latest and most improved methods of Blood Testing have been used in testing the parent stock of both grades.

READ OUR GUARANTEE (See Below)

Master Bred "AAA" Chicks

Our Master Bred chicks are what we term EGG-BRED chicks. The parent stock have passed the test for type, color, vigor, vitality and productiveness. Breeding alone does not insure vigor, strength and egg-laying records in your flock. However, fine breeding plus fine care will insure fine results. Thousands of dollars have been spent in breeding, culling and testing these flocks, in order that you may have better chicks.

The small additional cost of this grade is one of the best investments you can make. We have kept the price as low as possible on grade "AAA" to encourage more orders for this grade. We are even making it possible for you to obtain these Master Bred chicks at the price of Commercial grade chicks by sending in the full amount with your order and by sending your order early.

We hope for your sake that you can take advantage of this offer and get these fine chicks.



READ WHAT OUR CUSTOMERS SAY ABOUT MASTER CHICKS

Here Are The Prices POSTAGE PAID

No Money Needed with Order

We ship C. O. D. prepaid, parcel post or express; orders up to 200 shipped by parcel post; over 200 shipped by express, unless otherwise requested. We ship from seven different states and will fill your order from our nearest shipping point where we can send the breed ordered on the date desired. **Order your chicks early to avoid disappointment;** you need not pay one cent until you receive them. Last year we could not fill all the orders we received.

Why not send in your order today?

SPECIAL CASH OFFER

We give C. O. D. orders the same careful attention we do the cash orders, but C. O. D. orders make extra work and expense for us. If you send the full amount with your early order, we will send you the Master Bred Grade "AAA" chicks at the price of the Commercial Grade "AA" chicks.

Don't Pass Up This Opportunity

We will give you this special advantage if you do not send the order C. O. D. If the order is sent in C. O. D. it cannot be changed, as we have made out the blanks and entered the order in our books. This offer is good only when the money accompanies the order, and is subject to withdrawal at any time. Use the convenient order blank on other side.

Many hatcheries advancing prices—Some are sold out for the season—To avoid disappointment—

ORDER NOW

USE ORDER BLANK ON OTHER SIDE	Commercial Grade "AA"				Master Bred Grade "AAA"			
	50	100	300	500	50	100	300	500
Big Type White Leghorn Heavy Mixed	4.95	9.25	27.00	44.00	5.45	10.50	30.00	49.00
Brown Leghorn Buff Leghorn Ancona White Minorca Black Minorca	5.40	9.75	28.25	46.50	5.95	11.00	32.00	52.50
Barred Rocks R. I. Reds Buff Orpington White Wyandotte	(No orders filled for less than 50 chicks.)							
	5.25	9.50	27.75	45.25	5.95	11.25	33.00	54.00
Buff Rocks White Rocks Buff Minorca	5.60	10.00	29.00	47.75	6.20	11.75	34.00	55.00
Black Giants, Special	6.10	11.25	33.00	53.75	6.60	12.25	36.00	58.75
White Giants Light Brahmas Colombian Wyandotte	6.50	12.00	35.00	57.50	6.95	13.00	37.95	62.50
SEXED CHICKS	9.45	18.50	54.00	90.00	9.85	20.00	58.50	95.00
White Leghorn, only								
ASSORTED CHICKS	3.90	7.50	21.25	34.90	4.25	8.50	24.75	39.90
Mixed, light & heavy								

LIGHT COCKERELS (Mostly Leghorn)—\$5.00 per 100, Minimum order 100

Our "Master Chicks" Replacement Guarantee

We guarantee 100% live delivery. Both grades of chicks are from such strong and vigorous stock that we are able to make this liberal guarantee. All chicks in the Grade "AA" group, which die during the first 10 days, will be replaced at half price. All of the Master Bred Grade "AAA" chicks, which die during the first two weeks, will be replaced at one-half price. All claims must be made PROMPTLY. We cannot be responsible for loss by fire, accidents, rats or negligence. Replacement chicks will be shipped in a later order if desired.

FARMER SEED & NURSERY CO., DEPENDABLE SINCE 1888 Faribault, Minnesota

New Vegetables of Merit



No. 480—

Potlatch Pea

Immense pods contain 8 to 10 large, luscious peas of delicious flavor. Vines 26 in. high. Outsell all others. Mammoth pkt., 8c; 1/2 lb., 20c; lb., 35c, prepaid. See page 17.

No. 528—

Glowing Ball Radish

Gold Medal Winner. Very attractive appearance with smooth silky skin and spicy flavor. Extra early. Pkt., 8c; oz., 15c; 1/4 lb., 30c; lb., \$1.00, prepaid. See page 20.



No. 357—

Sugar Rock Muskmelon

Sweet as sugar, solid as a rock, easy to grow. Thick, juicy, orange-salmon colored flesh, fine flavor. Pkt., 5c; oz., 15c; 1/4 lb., 30c; lb., \$1.00, prepaid. See page 12.



New MacDonald Rhubarb

A real sensation. Developed in Canada. Produces large tender succulent stalks, with a bright raspberry color. Choice roots, 55c each; 5 for \$2.48, prepaid. See Page 25.

No. 374—

New Northern Sweet Watermelon

Melons in 9 weeks. Introduced from Russia by Minn. Exp. Station. Flesh dark red, tender, with rich sugary flavor—weight 9 to 10 lbs., Pkt., 10c; oz., 25c; 1/4 lb., 80c; 1/2 lb., \$1.50, prepaid. See page 13.



No. 178—

Carrot Supreme Half-Long

First time offered. 1937 All-America Winner. A refined half-long type. Finest interior color, small red core. Small tops, smooth roots. Pkt., 10c; oz., 15c; 1/4 lb., 35c, prepaid. See page 5.



No. 248—

NEW BURBANK GOLDEN AMBER POP CORN

A real treat. Extra early, golden butter-colored, surprisingly tender, appetizing flavor. Ideal for the North. Mammoth pkt., 8c; 1/2 lb., 20c; lb., 35c, prepaid. See page 9.

No. 157—

New Chi-Hi-Li Chinese Celery Cabbage

The Salad King. Early, sure heading, produces large, solid torpedo-shaped head. Leaves tightly folded, crisp and tender. Pkt., 8c; oz., 20c; 1/4 lb., 50c, prepaid. See page 7.



Prize Garden Collection

OFFER NO. 3
One pkt. each of seven outstanding vegetables shown here, (Rhubarb excluded)—total value 57c. for

49c Post-paid
This collection may also be ordered through your dealer.

**ORDER
EARLY—
THERE ARE
MANY
CROP
SHORTAGES**

Reed Canary Grass

(Phalaris arundinacea)

The famous hardy perennial grass, producing 4 to 6 tons of valuable hay per acre. Grows on low wet soils. Easy to establish. See page 59.

Ideal Silo Corn

Fills silos with half usual acreage—thrives everywhere. Produces an abundance of fodder and matures large ear of corn. Order early. See page 68.

See
Blue
Figure
List
For
Prices.

Thatcher Rust-Resistant Wheat

Most profitable variety grown. Withstands black stem rust—is beardless—stiff in straw—produces 4 to 5 extra bushels per acre. See page 63.



New Potato Chippewa

Outstanding winter storage potato—earlier than most late varieties. An excellent yielder—immensely popular. Originated by U. S. Dept. of Agriculture. See page 19.

Farmer Seed & Nursery Co., Faribault, Minn.